

```

Rem =====
Rem      OOoBasic Program (Copyright Shuichi Sunaga)
Rem A_Keshikomi Matching AR(AP) items with Receipt(Payments)
Rem (2005/06/18 – 22:454)
Rem Expand coverage from Payables to receivables(2006/04/12:517)
Rem Move between sheet(2006/12/10:478)(2011/12/09:726)(2012/07/06:849)
Rem Translated into English(2012/08/09:686)
Rem =====
Rem Sub AKDialog()
Rem Sub djHScrollBar_Change()
Rem Sub GiveWSPayNM()
Rem Sub djAddItem(ByVal fVendor$, ByVal WkWK as object)
Rem Sub PostItems()
Rem Sub PaintItems()
Rem Sub WhitenItems()
Rem Sub ColorItems(iRed%, iGreen%, iBlue%)
Rem Sub ToBK()
Rem Sub ToAPR()
Rem Sub ToLense()
Rem Sub djSetOptState(ByVal pSName$) (2006/12/10Move between sheets)
Rem Sub WS_UP()
Rem Sub WS_Dwn()
Rem Sub DJ2Top()
Rem Sub DJ_UP()
Rem Sub DJ_Dwn()
Rem Sub DJ2Btm()
Rem Sub SelectAll()
Rem Sub SelectByItem()
Rem Sub RemoveByItem()
Rem Sub RemoveAll()
Rem Sub DJChgBox(ByVal a&)
Rem Sub PostLeftPstrn()
Rem -----(Functions)-----
Rem Function Act2sName$(ByVal aActCD$)
Rem Function djGetInsRow%(ByVal dstDJ As Object, orgR%)
Rem Function djGetRow&(ByVal fVen$)
Rem Function djAmount&(farVendor())
Rem Function GetRowfromPos%(ByVal fPos%, ByVal pSName$)
Rem Function DJ2Number&(sNum$)
Rem Function AKFormat$(ByVal num&)
Rem -----
Option Explicit
Dim oAKDlg as object, oListBox1 as object, oListBox2 as object
Dim akActCD$
Sub AKDialog()
    dim iRow&, sVar%, akActCD$, sTemp$
    IntroTo3D()
    aSName$ = aController.ActiveSheet.getName()
    MsgTtl$ = "Test of sheet for command applicability"
    If Not APUse and Not ARUse then
        MsgTxt$ = "AP(or AR) sheet could not be found on this system"& Chr$(13)
        MsgTxt$ = MsgTxt$ & "on which to use this matching command"
        MsgBox( MsgTxt$, 0, MsgTtl$)
    end
    ElseIf aSName$ <> "BK" then
        MsgTxt$ = "This ("& aSName$ & ") is not the sheet to initiate matching command"& Chr$(13)
        MsgTxt$ = MsgTxt$ & "Move to BK sheet, and retry this command"
        Resp% = MsgBox( MsgTxt$, 0, MsgTtl$)
    end
    Else
        getColArray("BK")
        iRow& = SelectionRow()
        akActCD$ = CellString(aSheet, iRow&, Col_ActCD%)
        DialogLibraries.LoadLibrary("OOo3D")
        Set oAKDlg = CreateUnoDialog(DialogLibraries.OOo3D.AKS)
        If ARUse and akActCD$ = CStr(ARCD) then
            sTemp$ = "Tool for Matching Accounts Receivable against Cash Collection"
            oAKDlg.title = sTemp$
        elseif APUse and akActCD$ = CStr(APCD) then
            sTemp$ = "Tool for Matching Accounts Payable against Cash Disbursement"

```

```

1 Rem =====
2 Rem      Excel VBA Program (Copyright Shuichi Sunaga)
3 Rem A_Keshikomi Matching AR(AP) items with Receipt(Payments)
4
5 Rem
6 Rem (2012/02/07:643)
7 Rem Translated into English(2012/08/09:654)
8 Rem =====
9 Rem Sub AKDialog()
10 Rem Sub djHScrollBar_Change()
11 Rem Sub GiveWSPayNM()
12 Rem Sub djAddItem(ByVal fVendor$, ByVal WkWK as object)
13 Rem Sub PostItems()
14 Rem Sub PaintItems()
15 Rem Sub WhitenItems()
16 Rem Sub ColorItems(ByVal djColor$)
17 Rem Sub ToBK()
18 Rem Sub ToAPR()
19 Rem Sub ToLense()
20 Rem Sub djSetOptState(ByVal pSName$) (2006/12/10Move between sheets)
21 Rem Sub WS_UP()
22 Rem Sub WS_Dwn()
23 Rem Sub DJ2Top()
24 Rem Sub DJ_UP()
25 Rem Sub DJ_Dwn()
26 Rem Sub DJ2Btm()
27 Rem Sub SelectAll()
28 Rem Sub SelectByItem()
29 Rem Sub RemoveByItem()
30 Rem Sub RemoveAll()
31 Rem Sub DJChgBox(ByVal a&)
32 Rem Sub PostLeftPstrn()
33 Rem -----(Functions)-----
34 Rem Function Act2sName$(ByVal aActCD$)
35 Rem Function djGetInsRow%(ByVal dstDJ As Object, orgR%)
36 Rem Function djGetRow&(ByVal fVen$)
37 Rem Function djAmount&(farVendor())
38 Rem Function GetRowfromPos%(ByVal fPos%, ByVal pSName$)
39 Rem Function DJ2Number&(sNum$)
40 Rem Function getSelIdx%(ByVal djBox As Object)
41 Rem -----
42 Option Explicit
43 Dim oAKDlg As Object, oListBox1 As Object, oListBox2 As Object
44 Dim akActCD$
45 Sub AKDialog()
46     Dim iRow&, sVar%, akActCD$, sTemp$
47     IntroTo3D
48     aSName$ = ActiveSheet.Name
49     MsgTtl$ = "Test of sheet for command applicability"
50     If Not APUse And Not ARUse Then
51         MsgTxt$ = "AP(or AR) sheet could not be found on this system"& Chr$(13)
52         MsgTxt$ = MsgTxt$ & "on which to use this matching command"
53         resp% = MsgBox(MsgTxt$, 0, MsgTtl$)
54     End
55     ElseIf aSName$ <> "BK" Then
56         MsgTxt$ = "This ("& aSName$ & ") is not the sheet to initiate matching command" & Chr$(13)
57         MsgTxt$ = MsgTxt$ & "Move to BK sheet, and retry this command"
58         resp% = MsgBox(MsgTxt$, 0, MsgTtl$)
59     End
60     Else
61         getColArray ("BK")
62         iRow& = SelectionRow
63         akActCD$ = CellString(aSheet, iRow&, Col_ActCD%)
64
65         Set oAKDlg = AKS
66         If ARUse And akActCD$ = CStr(ARCD) Then
67             sTemp$ = "Tool for Matching Accounts Receivable against Cash Collection"
68             oAKDlg.Caption = sTemp$
69         ElseIf APUse And akActCD$ = CStr(APCD) Then
70             sTemp$ = "Tool for Matching Accounts Payable against Cash Disbursement"

```

```

oAKDlg.title = sTemp$
else
    If APUse and ARUse then
        sTemp$ = ARCD & "or" & APCD
    ElseIf APUse and Not ARUse then
        sTemp$ = APCD
    ElseIf Not APUse and ARUse then
        sTemp$ = ARCD
    EndIf
    MsgTxt$ = "In order to use this command, the account code"&chr(13)
    MsgTxt$ = MsgTxt$ & " of this row must be "& sTemp$ & "." & chr(13)
    MsgTxt$ = MsgTxt$ & "Change the account code or select other row, and retry."
    MsgTtl$ = "Test of Account Code for Matching command"
    resp% = MsgBox( MsgTxt$, 0, MsgTtl$)
    End
end If
End If
setCol4All()
Rem -----
Set oListBox1 = oAKDlg.GetControl("ListBox1")
Set oListBox2 = oAKDlg.GetControl("ListBox2")
oAKDlg.GetControl("SettleYear").Text = GetDate("Curr", "Year")
oAKDlg.GetControl("SettleMonth").Text = GetDate("Curr", "Month")
oAKDlg.GetControl("SettleDay").Text = GetDate("Curr", "Day")
oAKDlg.GetControl("txtbLeft").Text = CellValue(WkBk, 1, 11)
oAKDlg.Model.PositionX = Val(oAKDlg.GetControl("txtbLeft").Text)
oAKDlg.Model.PositionY = -2
Rem ----- Initiation of PrintJobListner & MouseListner -----
oMListener = CreateUnoListener("MouseListener_", "com.sun.star.awt.XMouseListener")
oListBox1.addMouseListener(oMListener)
oListBox2.addMouseListener(oMListener)
Rem -----
ToBK()
GiveWSPayNM()
oAKDlg.execute()
oAKDlg.endExecute()
End Sub
Sub djHScrollBar_Change()
    Dim xCol%, mVal%
    mVal% = oAKDlg.getControl("HScrollBar").Value
    xCol% = mVal% + 1
    SelectCell SelectionRow(), xCol%
End Sub
Sub GiveWSPayNM()
    Dim iRow&, iBKRow&
    Dim akActCD$, djName$, kBKCD$
    If aSheet.getName() = "Lense" then
        Rem Do Nothing
    Else
        getColArray(aSheet.getName())
    End If
    iRow& = SelectionRow()
    djName$ = CellString(aSheet, iRow&, Col_Payer%)
    kBKCD$ = CellString(aSheet, iRow&, Col_BKCD%)
    iBKRow& = getFSRow%(WkBk, kBKCD$, ActCol)
    oAKDlg.GetControl("BKName").Text = get1stLetter(CellString(WkBk, iBKRow&, 4))
    oAKDlg.GetControl("DjPayerNM").Text = djName$
    oAKDlg.GetControl("SettleDay").Text = Right(CellString(aSheet, iRow&, Col_PaidDate), 2)
    akActCD$ = CellString(aSheet, iRow&, Col_ActCD%)
    oAKDlg.GetControl("xbActCd").Text = akActCD$
    If akActCD$ = CStr(ARCD) then
        If ARUse then
            oAKDlg.GetControl("VCName").Text = " Sold to:"
            oAKDlg.GetControl("DJOptAP").Model.Label = "AR"
            oAKDlg.GetControl("DJOptAP").Model.HelpText = "Move to AR Sheet"
            MsgTxt$ = "For items in box B, post settlement Date and Amount on BK Sheet and "
            MsgTxt$ = MsgTxt$ & "post combination of abbreviated BK name and Date and Settelement "
            MsgTxt$ = MsgTxt$ & "month on AR Sheet"
            oAKDlg.GetControl("cbPost").Model.HelpText = MsgTxt$
            MsgTxt$ = "Paint background of the cells on AR Sheet corresponding to the items to be settled"

```

```

71 oAKDlg.Caption = sTemp$
72 Else
73     If APUse And ARUse Then
74         sTemp$ = ARCD & "or" & APCD
75     ElseIf APUse And Not ARUse Then
76         sTemp$ = APCD
77     ElseIf Not APUse And ARUse Then
78         sTemp$ = ARCD
79     End If
80     MsgTxt$ = "In order to use this command, the account code" & Chr(13)
81     MsgTxt$ = MsgTxt$ & " of this row must be " & sTemp$ & "." & Chr(13)
82     MsgTxt$ = MsgTxt$ & "Change the account code or select other row, and retry."
83     MsgTtl$ = "Test of Account Code for Matching command"
84     resp% = MsgBox(MsgTxt$, 0, MsgTtl$)
85     End
86 End If
87 End If
88 setCol4All
89 Rem -----
90 Set oListBox1 = oAKDlg.ListBox1
91 Set oListBox2 = oAKDlg.ListBox2
92 oAKDlg.SettleYear.Value = GetDate("Curr", "Year")
93 oAKDlg.SettleMonth.Value = GetDate("Curr", "Month")
94 oAKDlg.SettleDay.Value = GetDate("Curr", "Day")
95 oAKDlg.txtbLeft.Value = CellValue(WkBk, 1, 11)
96 oAKDlg.Left = Val(oAKDlg.txtbLeft.Value)
97 oAKDlg.Top = 1
98 Rem ----- Initiation of PrintJobListner & MouseListner -----
99
100
101
102 Rem -----
103 ToBK
104 GiveWSPayNM
105 oAKDlg.Show
106
107 End Sub
108 Sub djHScrollBar_Change()
109     Dim xCol%, mVal%
110     mVal% = oAKDlg.HScrollBar.Value
111     xCol% = mVal% + 1
112     SelectCell SelectionRow, xCol%
113 End Sub
114 Sub GiveWSPayNM()
115     Dim iRow&, iBKRow&
116     Dim akActCD$, djName$, kBKCD$
117     If aSheet.Name = "Lense" Then
118         Rem Do Nothing
119     Else
120         getColArray (aSheet.Name)
121     End If
122     iRow& = SelectionRow
123     djName$ = CellString(aSheet, iRow&, Col_Payer%)
124     kBKCD$ = CellString(aSheet, iRow&, Col_BKCD%)
125     iBKRow& = getFSRow%(WkBk, kBKCD$, ActCol)
126     oAKDlg.BKName.Value = get1stLetter(CellString(WkBk, iBKRow&, 4))
127     oAKDlg.DjPayerNM.Value = djName$
128     oAKDlg.SettleDay.Value = Right(CellString(aSheet, iRow&, Col_PaidDate%), 2)
129     akActCD$ = CellString(aSheet, iRow&, Col_ActCD%)
130     oAKDlg.xbActCd.Value = akActCD$
131     If akActCD$ = CStr(ARCD) Then
132         If ARUse Then
133             oAKDlg.VCName.Value = " Sold to:"
134             oAKDlg.djOptAP.Caption = "AR"
135             oAKDlg.djOptAP.ControlTipText = "Move to AR Sheet"
136             MsgTxt$ = "For items in box B, post settlement Date and Amount on BK Sheet and "
137             MsgTxt$ = MsgTxt$ & "post combination of abbreviated BK name and Date and Settelement "
138             MsgTxt$ = MsgTxt$ & "month on AR Sheet"
139             oAKDlg.cbPost.ControlTipText = MsgTxt$
140             MsgTxt$ = "Paint background of the cells on AR Sheet corresponding to the items to be settled"

```

```

oAKDlg.GetControl("cbPaint").Model.HelpText = MsgTxt$
MsgTxt$ = "Discolor background of the cells on AR Sheet corresponding to the items to be settled"
oAKDlg.GetControl("cbWhiten").Model.HelpText = MsgTxt$
djAddItem(djName$, WkAR)
Else
MsgTxt$ = "AR sheet is not found on this Accounting System" & Chr(13)
MsgTxt$ = MsgTxt$ & "for Matching Tool to work"
MsgTtl$ = "Test of Sheet for Matching Tool"
Resp% = MsgBox( MsgTxt$, 0, MsgTtl$)
End If
Elseif akActCD$ = CStr(APCD) then
If APUse then
oAKDlg.GetControl("VCName").Text = " Bought from:"
oAKDlg.GetControl("DJOptAP").Model.Label = "AP"
oAKDlg.GetControl("DJOptAP").Model.HelpText = "Move to AP Sheet"
MsgTxt$ = "For items in box B, post settlement Date and Amount on BK Sheet and "
MsgTxt$ = MsgTxt$ & "post combination of abbreviated BK name and Date and Settlelement "
MsgTxt$ = MsgTxt$ & "month on AP Sheet"
oAKDlg.GetControl("cbPost").Model.HelpText = MsgTxt$
MsgTxt$ = "Paint background of the cells on AP Sheet corresponding to the items to be settled"
oAKDlg.GetControl("cbPaint").Model.HelpText = MsgTxt$
MsgTxt$ = "Discolor background of the cells on AP Sheet corresponding to the items to be settled"
oAKDlg.GetControl("cbWhiten").Model.HelpText = MsgTxt$
djAddItem(djName$, WkAP)
Else
MsgTxt$ = "AP sheet is not found on this Accounting System" & Chr(13)
MsgTxt$ = MsgTxt$ & "for Matching Tool to work"
MsgTtl$ = "Test of Sheet for Matching Tool"
resp% = MsgBox( MsgTxt$, 0, MsgTtl$)
End If
Else
MsgShow("Qualified Acct")
End If
End Sub
Rem -----(List unsettled items in the dialog box A)-----
Sub djAddItem(ByVal fVendor$, ByVal WkWK As object)
dim oSearchDesc As Object, oCellRange As Object, oFound As Object
dim i%, iLen%, fRow&, f1Row&, f2Row&, iPos%, lAmount&
dim pSName$, aVendor$, alnvDate$, aGross$, cGross&, sPaid$
dim preList$(100), sAdd$
oAKDlg.GetControl("SubTT11").Text = ""
oAKDlg.GetControl("Cnt1").Text = ""
oListBox1.removeItems(0, oListBox1.ItemCount)
oListBox2.removeItems(0, oListBox2.ItemCount)
iLen%=Len(fVendor$)
pSName$ = WkWK.getName()
getColArray(pSName$)
getRowArray pSName$, "ValMo", cMonth%, cMonth%
fRow& = 3
f2Row& = 3
iPos% = 0
lAmount& = 0
Rem -----(the first row of fRow&=fVendor$)-----
oSearchDesc = getWKSDesc(pSName$)
Set oCellRange = WkWK.getCellRangeByPosition(Col_Payer-1, 1, Col_Payer-1, dbBtmBorder&)
oSearchDesc.SearchString = fVendor$
oSearchDesc.SearchBackwards = False
Set oFound = oCellRange.findFirst(oSearchDesc)
If Not IsNull(oFound) then
fRow& = oFound.CellAddress.Row + 1
oSearchDesc.SearchBackwards = True
Set oFound = oCellRange.findFirst(oSearchDesc)
If Not IsNull(oFound) then
f2Row& = oFound.CellAddress.Row + 1

If f2Row& > fRow& Then
f1Row& = f2Row& - 1
Do while True
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167
168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210

oAKDlg.cbPaint.ControlTipText = MsgTxt$
MsgTxt$ = "Discolor background of the cells on AR Sheet corresponding to the items to be settled"
oAKDlg.cbWhiten.ControlTipText = MsgTxt$
djAddItem djName$, WkAR
Else
MsgTxt$ = "AR sheet is not found on this Accounting System" & Chr(13)
MsgTxt$ = MsgTxt$ & "for Matching Tool to work"
MsgTtl$ = "Test of Sheet for Matching Tool"
resp% = MsgBox(MsgTxt$, 0, MsgTtl$)
End If
Elseif akActCD$ = CStr(APCD) Then
If APUse Then
oAKDlg.VCName.Value = " Bought from:"
oAKDlg.djOptAP.Caption = "AP"
oAKDlg.djOptAP.ControlTipText = "Move to AP sheet"
MsgTxt$ = "For items in box B, post settlement Date and Amount on BK Sheet and "
MsgTxt$ = MsgTxt$ & "post combination of abbreviated BK name and Date and Settlelement "
MsgTxt$ = MsgTxt$ & "month on AP Sheet"
oAKDlg.cbPost.ControlTipText = MsgTxt$
MsgTxt$ = "Paint background of the cells on AP Sheet corresponding to the items to be settled"
oAKDlg.cbPaint.ControlTipText = MsgTxt$
MsgTxt$ = "Discolor background of the cells on AP Sheet corresponding to the items to be settled"
oAKDlg.cbWhiten.ControlTipText = MsgTxt$
djAddItem djName$, WkAP
Else
MsgTxt$ = "AP sheet is not found on this Accounting System" & Chr(13)
MsgTxt$ = MsgTxt$ & "for Matching Tool to work"
MsgTtl$ = "Test of Sheet for Matching Tool"
resp% = MsgBox(MsgTxt$, 0, MsgTtl$)
End If
Else
MsgShow ("Qualified Acct")
End If
End Sub
Rem -----(List unsettled items in the dialog box A)-----
Sub djAddItem(ByVal fVendor$, WkWK As Worksheet)
Dim oCellRange As Range, oFound As Object, firstAddress
Dim i%, iLen%, fRow&, f1Row&, f2Row&, iPos%, lAmount&
Dim pSName$, aVendor$, alnvDate$, aGross$, cGross&, sPaid$
Dim sAdd$
oAKDlg.SubTT11.Value = ""
oAKDlg.Cnt1.Value = ""
oListBox1.Clear
oListBox2.Clear
iLen% = Len(fVendor$)
pSName$ = WkWK.Name
getColArray (pSName$)
getRowArray pSName$, "ValMo", cMonth%, cMonth%
fRow& = 3
f2Row& = 3
iPos% = 0
lAmount& = 0
Rem -----(the first row of fRow&=fVendor$)-----
RNM$ = CAlpha(Col_Payer%) & "2:" & CAlpha(Col_Payer%) & CStr(dbBtmBorder&)
Set oCellRange = WkWK.Range(RNM$)

Set oFound = oCellRange.Find(fVendor$, Lookat:=xlWhole, SearchDirection:=xlNext)
If oFound Is Nothing Then
Exit Sub
End If
firstAddress = oFound.Address
If Not oFound Is Nothing Then
fRow& = oFound.Row
Set oFound = oCellRange.Find(fVendor$, Lookat:=xlWhole, SearchDirection:=xlPrevious)
If Not oFound Is Nothing Then
f2Row& = oFound.Row
If f2Row& > fRow& Then
f1Row& = f2Row& - 1
Do While True
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225
226
227
228
229
230
231
232
233
234
235
236
237
238
239
240
241
242
243
244
245
246
247
248
249
250
251
252
253
254
255
256
257
258
259
260
261
262
263
264
265
266
267
268
269
270
271
272
273
274
275
276
277
278
279
280
281
282
283
284
285
286
287
288
289
290
291
292
293
294
295
296
297
298
299
300
301
302
303
304
305
306
307
308
309
310
311
312
313
314
315
316
317
318
319
320
321
322
323
324
325
326
327
328
329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
366
367
368
369
370
371
372
373
374
375
376
377
378
379
380
381
382
383
384
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428
429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496
497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580
581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613
614
615
616
617
618
619
620
621
622
623
624
625
626
627
628
629
630
631
632
633
634
635
636
637
638
639
640
641
642
643
644
645
646
647
648
649
650
651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697
698
699
700
701
702
703
704
705
706
707
708
709
710
711
712
713
714
715
716
717
718
719
720
721
722
723
724
725
726
727
728
729
730
731
732
733
734
735
736
737
738
739
740
741
742
743
744
745
746
747
748
749
750
751
752
753
754
755
756
757
758
759
760
761
762
763
764
765
766
767
768
769
770
771
772
773
774
775
776
777
778
779
780
781
782
783
784
785
786
787
788
789
790
791
792
793
794
795
796
797
798
799
800
801
802
803
804
805
806
807
808
809
810
811
812
813
814
815
816
817
818
819
820
821
822
823
824
825
826
827
828
829
830
831
832
833
834
835
836
837
838
839
840
841
842
843
844
845
846
847
848
849
850
851
852
853
854
855
856
857
858
859
860
861
862
863
864
865
866
867
868
869
870
871
872
873
874
875
876
877
878
879
880
881
882
883
884
885
886
887
888
889
890
891
892
893
894
895
896
897
898
899
900
901
902
903
904
905
906
907
908
909
910
911
912
913
914
915
916
917
918
919
920
921
922
923
924
925
926
927
928
929
930
931
932
933
934
935
936
937
938
939
940
941
942
943
944
945
946
947
948
949
950
951
952
953
954
955
956
957
958
959
960
961
962
963
964
965
966
967
968
969
970
971
972
973
974
975
976
977
978
979
980
981
982
983
984
985
986
987
988
989
990
991
992
993
994
995
996
997
998
999
1000

```

```

aVendor$ = CellString(WkWk, f1Row&, Col_Payer)
If Left(aVendor$, iLen%) <> fVendor$ then
    Exit Do
Else
    f1Row& = f1Row& - 1
End If
Loop
f1Row& = f1Row& + 1
Elseif f2Row& = fRow& Then
    f1Row& = fRow&
End If
End If
Else
    MsgTxt$ = "Could not find the invoice of [" & fVendor$ & "]" & "on " & pSName$ & " sheet."
    MsgTtl$ = "Test of data existence for the command"
    resp% = MsgBox(MsgTxt$, 64, MsgTtl$)
End
End If
"where the first row of the preceding block is smaller than that of the follwing block=multiple blocks
If fRow& < f1Row& then
    If Left(CellString(WkWk, fRow&, Col_Payer), iLen%) = fVendor$ Then
        MsgTxt$ = "Various vendor codes are found for [ " & fVendor$ & "]" & Chr(13)
        MsgTxt$ = MsgTxt$ & "Each vendor code has separete blocks which makes matching inaccurate"
        MsgTxt$ = MsgTxt$ & "Unify vendor(customer) code for " & pSName$ & Chr(13)
        MsgTxt$ = MsgTxt$ & ", apply sort command and retry this command."
        MsgTtl$ = "Test of sequentiality of vendor(customer) data"
        resp% = MsgBox(MsgTxt$, 64, MsgTtl$)
    End
Else
    fRow& = f1Row&
End If
End If
Rem -----
Do while fRow& < dbBtmBorder&
    alnvDate$ = CellString(WkWk, fRow&, Col_InvDate)
    aVendor$ = CellString(WkWk, fRow&, Col_Payer)
    cGross& = CellValue(WkWk, fRow&, Col_Gross%)
    'aGross$ = Format(CStr(cGross&), "#,###;(##,###)")
    sPaid$ = CellString(WkWk, fRow&, Col_PaidDate%)
    If Left(aVendor$, iLen%) = fVendor$ then
        if CellValue(WkWk, fRow&, Col_PaidMo) >= cMonth% then
            If CellValue(WkWk, fRow&, Col_ValMo) <= cMonth% then
                sAdd$ = CStr(fRow&) & " | " & alnvDate$ & " | "
                sAdd$ = sAdd$ & aVendor$ & " | "
                sAdd$ = sAdd$ & AKFormat(cGross&) & " | " & sPaid$
                If Len(sAdd$) >= 50 Then
                    sAdd$ = CStr(fRow&) & " | " & alnvDate$ & " | "
                    sAdd$ = sAdd$ & Left(aVendor$, 10) & " | "
                    sAdd$ = sAdd$ & AKFormat(cGross&) & " | " & sPaid$
                End If
                preList$(iPos) = sAdd$
                lAmount& = lAmount& + cGross&
                iPos% = iPos% + 1
            End If
        end If
        fRow& = fRow& + 1
    Else
        Exit Do
    End If
Loop
If oListBox1.ItemCount = 0 then
    For i% = 0 to iPos% - 1
        oListBox1.AddItem(preList$(i%), i%)
    Next i%
End If
oAKDlg.GetControl("SubTTI1").Text = Format(lAmount&, "#,###;(##,###)")
oAKDlg.GetControl("SubTTI2").Text = Format(0, "#,###;(##,###)")
oAKDlg.GetControl("Cnt1").Text = Format(oListBox1.ItemCount, "#,###;(##,###)")
oAKDlg.GetControl("Cnt2").Text = Format(oListBox2.ItemCount, "#,###;(##,###)")
If aSheet.getName() = "Lense" then

```

```

aVendor$ = CellString(WkWk, f1Row&, Col_Payer)
If Left(aVendor$, iLen%) <> fVendor$ Then
    Exit Do
Else
    f1Row& = f1Row& - 1
End If
Loop
f1Row& = f1Row& + 1
Elseif f2Row& = fRow& Then
    f1Row& = fRow&
End If
End If
Else
    MsgTxt$ = "Could not find the invoice of [" & fVendor$ & "]" & "on " & pSName$ & " sheet."
    MsgTtl$ = "Test of data existence for the command"
    resp% = MsgBox(MsgTxt$, 64, MsgTtl$)
End
End If
"where the first row of the preceding block is smaller than that of the follwing block=multiple blocks
If fRow& < f1Row& Then
    If Left(CellString(WkWk, fRow&, Col_Payer), iLen%) = fVendor$ Then
        MsgTxt$ = "Various vendor codes are found for [ " & fVendor$ & "]" & Chr(13)
        MsgTxt$ = MsgTxt$ & "Each vendor code has separete blocks which makes matching inaccurate"
        MsgTxt$ = MsgTxt$ & "Unify vendor(customer) code for " & pSName$ & Chr(13)
        MsgTxt$ = MsgTxt$ & ", apply sort command and retry this command"
        MsgTtl$ = "Test of sequentiality of vendor(customer) data"
        resp% = MsgBox(MsgTxt$, 64, MsgTtl$)
    End
Else
    fRow& = f1Row&
End If
End If
Rem -----
Do While fRow& < dbBtmBorder&
    alnvDate$ = CellString(WkWk, fRow&, Col_InvDate%)
    aVendor$ = CellString(WkWk, fRow&, Col_Payer%)
    cGross& = CellValue(WkWk, fRow&, Col_Gross%)
    aGross$ = Format(CStr(cGross&), "#,###;(##,###)")
    sPaid$ = CellString(WkWk, fRow&, Col_PaidDate%)
    If Left(aVendor$, iLen%) = fVendor$ Then
        If CellValue(WkWk, fRow&, Col_PaidMo%) >= cMonth% Then
            If CellValue(WkWk, fRow&, Col_ValMo%) <= cMonth% Then
                sAdd$ = CStr(fRow&) & " | " & alnvDate$ & " | "
                sAdd$ = sAdd$ & aVendor$ & " | "
                sAdd$ = sAdd$ & Format(aGross$, "@@@@@@@@@@@@@@@@@") & " | " & sPaid$
                If Len(sAdd$) >= 50 Then
                    sAdd$ = CStr(fRow&) & " | " & alnvDate$ & " | "
                    sAdd$ = sAdd$ & Left(aVendor$, 10) & " | "
                    sAdd$ = sAdd$ & Format(aGross$, "@@@@@@@@@@@@@@@@@") & " | " & sPaid$
                End If
                oListBox1.AddItem sAdd$
                lAmount& = lAmount& + cGross&
                iPos% = iPos% + 1
            End If
        End If
        fRow& = fRow& + 1
    Else
        Exit Do
    End If
Loop
oAKDlg.SubTTI1.Value = Format(lAmount&, "#,###;(##,###)")
oAKDlg.SubTTI2.Value = Format(0, "#,###;(##,###)")
oAKDlg.Cnt1.Value = Format(oListBox1.ListCount, "#,###;(##,###)")
oAKDlg.Cnt2.Value = Format(oListBox2.ListCount, "#,###;(##,###)")
If aSheet.Name = "Lense" Then

```

```

Col_Border = 12
Col_Payer = 4
Else
    getColArray(aSheet.getName())
End If
End Sub
Sub PostItems()
    Dim k%, xRow&, iLtmCnt%, mYr%, mMo%, mDT%
    Dim mMon$, mDate$, SttlDate$
    Dim lAmount1&, lAmount2&, aAmount&
    Dim akActCD$, pSName$, trgltem$, sBKName$
    Dim WkWk As Object
    akActCD$ = oAKDlg.GetControl("xbActCd").Text
    pSName$ = Act2sName(akActCD$)
    Set WkWk = oSheets.getByName(pSName$)
    iLtmCnt% = oListBox2.ItemCount
    If iLtmCnt% > 0 Then
        Rem ----- Settlement date check -----
        mYr% = Val(oAKDlg.GetControl("SettleYear").Text)
        mMo% = Val(oAKDlg.GetControl("SettleMonth").Text)
        mDT% = Val(oAKDlg.GetControl("SettleDay").Text)
        If IllegalDT(mYr%, mMo%, mDT%) Then
            Exit Sub
        End If
        mMon$ = mylIf(mMo% < 10, "0" & CStr(mMo), CStr(mMo))
        mDate$ = mylIf(mDT% < 10, "0" & CStr(mDT), CStr(mDT))
        SttlDate$ = CStr(mYr%) & "/" & mMon$ & "/" & mDate$
        Rem -----
        For k% = 0 To iLtmCnt% - 1
            getColArray(pSName$)
            trgltem$ = oListBox2.Model.StringItem(1)(k%)
            xRow& = djGetRow(trgltem$)
            If PRDateOrStr = "Date" Then
                SetCellString WkWk, xRow&, Col_PaidDate, SttlDate$
            ElseIf PRDateOrStr = "BN_Num" Then
                sBKName$ = oAKDlg.GetControl("BKName").Text
                SetCellString WkWk, xRow&, Col_PaidDate, sBKName$ & mMon$ & mDate$
            End If
            SetCellValue WkWk, xRow&, Col_PaidMo, cMonth%
        Next k%
        setOptState("BK")
        getColArray("BK")
        oAKDlg.Model.DJOptBK.state = 1
        If BKDateOrStr = "Date" Then
            SetCellString WkBK, SelectionRow(), Col_PaidDate, SttlDate$
        ElseIf BKDateOrStr = "0Num" Then
            SetCellString WkBK, SelectionRow(), Col_PaidDate, mMon$ & mDate$
        ElseIf BKDateOrStr = "Num" Then
            SetCellString WkBK, SelectionRow(), Col_PaidDate, CStr(Val(mMon$)) & mDate$
        End If
        lAmount2& = MyVal(oAKDlg.GetControl("SubTTI2").Text)
        If pSName$ = "AR" Then
            SetCellValue WkBK, SelectionRow(), Col_Gross - 1, lAmount2&
        ElseIf pSName$ = "AP" Then
            SetCellValue WkBK, SelectionRow(), Col_Gross, lAmount2&
        End If
        SetCellValue WkBK, SelectionRow(), Col_ActCD, akActCD$
        LineCalc("N")
    End If
End Sub
Sub PaintItems()
    ColorItems 255, 180, 161
End Sub
Sub WhitenItems()
    ColorItems 255, 255, 255
End Sub
Sub ColorItems(iRed%, iGreen%, iBlue%)
    Dim oRange As Object, WkWk As Object
    Dim k%, xRow&, pSName$, trgltem$
    pSName$ = Act2sName(oAKDlg.GetControl("xbActCd").Text)

```

```

281 Col_Border = 12
282 Col_Payer% = 4
283 Else
284     getColArray (aSheet.Name)
285 End If
286 End Sub
287 Sub PostItems()
288     Dim k%, xRow&, SelCnt%, mYr%, mMo%, mDT%
289     Dim mMon$, mDate$, SttlDate$
290     Dim lAmount1&, lAmount2&, aAmount&
291     Dim akActCD$, pSName$, trgltem$, sBKName$
292     Dim WkWk As Worksheet
293     akActCD$ = oAKDlg.xbActCd.Value
294     pSName$ = Act2sName(akActCD$)
295     Set WkWk = Workbooks(GLName).Worksheets(pSName$)
296     SelCnt% = oListBox2.ListCount
297     If SelCnt% > 0 Then
298         Rem ----- Settlement date check -----
299         mYr% = Val(oAKDlg.SettleYear.Value)
300         mMo% = Val(oAKDlg.SettleMonth.Value)
301         mDT% = Val(oAKDlg.SettleDay.Value)
302         If IllegalDT(mYr%, mMo%, mDT%) Then
303             Exit Sub
304         End If
305         mMon$ = mylIf(mMo% < 10, "0" & CStr(mMo), CStr(mMo))
306         mDate$ = mylIf(mDT% < 10, "0" & CStr(mDT), CStr(mDT))
307         SttlDate$ = CStr(mYr%) & "/" & mMon$ & "/" & mDate$
308         Rem -----
309         For k% = 0 To SelCnt% - 1
310             getColArray (pSName$)
311             trgltem$ = oListBox2.List(k%)
312             xRow& = djGetRow(trgltem$)
313             If PRDateOrStr = "Date" Then
314                 SetCellString WkWk, xRow&, Col_PaidDate, SttlDate$
315             ElseIf PRDateOrStr = "BN_Num" Then
316                 sBKName$ = oAKDlg.BKName.Value
317                 SetCellString WkWk, xRow&, Col_PaidDate, sBKName$ & mMon$ & mDate$
318             End If
319             SetCellValue WkWk, xRow&, Col_PaidMo, CLng(cMonth%)
320         Next k%
321         setOptState ("BK")
322         getColArray ("BK")
323         oAKDlg.DJOptBK.Value = True
324         If BKDateOrStr = "Date" Then
325             SetCellString WkBK, SelectionRow, Col_PaidDate%, SttlDate$
326         ElseIf BKDateOrStr = "0Num" Then
327             SetCellString WkBK, SelectionRow, Col_PaidDate%, mMon$ & mDate$
328         ElseIf BKDateOrStr = "Num" Then
329             SetCellString WkBK, SelectionRow, Col_PaidDate%, CStr(Val(mMon$)) & mDate$
330         End If
331         lAmount2& = DJ2Number&(oAKDlg.SubTTI2.Value)
332         If pSName$ = "AR" Then
333             SetCellValue WkBK, SelectionRow, Col_Gross% - 1, lAmount2&
334         ElseIf pSName$ = "AP" Then
335             SetCellValue WkBK, SelectionRow, Col_Gross%, lAmount2&
336         End If
337         SetCellValue WkBK, SelectionRow, Col_ActCD%, CLng(akActCD$)
338         LineCalc ("N")
339     End If
340 End Sub
341 Sub PaintItems()
342     ColorItems 255, 180, 161
343 End Sub
344 Sub WhitenItems()
345     ColorItems 255, 255, 255
346 End Sub
347 Sub ColorItems(iRed%, iGreen%, iBlue%)
348     Dim oRange As Range, WkWk As Worksheet
349     Dim k%, xRow&, pSName$, trgltem$
350     pSName$ = Act2sName(oAKDlg.xbActCd.Value)

```

```

Set WkWk = oSheets.getByName(pSName$)
getColArray(pSName$)
For k% = 0 To oListBox2.ItemCount - 1
    trgltem$=oListBox2.Model.StringItemList(k%)
    xRow& = djGetRow(trgltem$)
    RNM$ = CAlpha(Col_PaidDate%) & CStr(xRow&)
    Set oRange = WkWk.getCellRangeByName(RNM$)
    oRange.CellBackColor = RGB(iRed%, iGreen%, iBlue%)
    RNM$ = CAlpha(Col_Gross%) & CStr(xRow&)
    Set oRange = WkWk.getCellRangeByName(RNM$)
    oRange.CellBackColor = RGB(iRed%, iGreen%, iBlue%)
Next k%
End Sub
Sub ToBK()
    dim iRow&
    djSetOptState("BK")
    iRow& = SelectionRow()
    oAKDlg.GetControl("DjPayerNM").Text = CellString(aSheet, iRow&, Col_Payer)
    akActCD$ = CellString(aSheet, iRow&, Col_ActCD%)
    oAKDlg.GetControl("xbActCd").Text = akActCD$
End Sub
Sub ToAPR()
    dim pSName$, pActCD$, SelPos%, xRow&, trgltem$
    pActCD$ = oAKDlg.GetControl("xbActCd").Text
    pSName$ = Act2sName(pActCD$)
    If pSName$ = "AP" or pSName$ = "AR" or pSName$ = "MW" Then
        If oListBox2.itemCount > 0 then
            SelPos% = oListBox2.SelectedItemPos
            If SelPos% > -1 then 'where at least one item is selected
                trgltem$ = oListBox2.Model.StringItemList(SelPos%)
            Else
                trgltem$ = oListBox2.Model.StringItemList(0) 'the first item
            End If
            xRow& = djGetRow(trgltem$)
            djSetOptState(pSName$)
            SelectCell xRow&, SelectionColumn()
        Else
            MsgTxt$ = "Box B of Items selected for settlement is vacant"
            oAKDlg.Model.DJOptBK.state = 1
            MsgBox(MsgTxt$)
        End If
    Else
        MsgTxt$ = "impossible to move to AP(AR) sheet, because "&chr(13)
        MsgTxt$ = MsgTxt$ & "the account code "& "(" & pActCD$ & ")" differs from"
        MsgTxt$ = MsgTxt$ & "the account code defined in macro sheet VZ"
        MsgTtl$ = "Test of sheet name to move to"
        resp% = MsgBox( MsgTxt$, 0, MsgTtl$)
    End If
End Sub
Sub ToLense()
    djSetOptState("Lense")
End Sub
Sub djSetOptState(ByVal pSName$)
    aSName$=pSName$
    Set aSheet = oSheets.getByName(aSName$)
    aController.ActiveSheet = aSheet
    getPagePlan aSName$, cMonth%
    Select Case aSName$
        Case "BK"
            oAKDlg.Model.DJOptBK.state = 1
            oAKDlg.Model.DJOptAP.state = 0
            oAKDlg.Model.DJOptLN.state = 0
        Case "AP", "AR"
            oAKDlg.Model.DJOptBK.state = 0
            oAKDlg.Model.DJOptAP.state = 1
            oAKDlg.Model.DJOptLN.state = 0
        Case "Lense"
            oAKDlg.Model.DJOptBK.state = 0
            oAKDlg.Model.DJOptAP.state = 0
            oAKDlg.Model.DJOptLN.state = 1
    End Select
End Sub

```

```

351 Set WkWk = Workbooks(GLName).Worksheets(pSName$)
352 getColArray (pSName$)
353 For k% = 0 To oListBox2.ListCount - 1
354     trgltem$ = oListBox2.List(k%)
355     xRow& = djGetRow(trgltem$)
356     RNM$ = CAlpha(Col_PaidDate%) & CStr(xRow&)
357     Set oRange = WkWk.Range(RNM$)
358     oRange.Interior.Color = RGB(iRed%, iGreen%, iBlue%)
359     RNM$ = CAlpha(Col_Gross%) & CStr(xRow&)
360     Set oRange = WkWk.Range(RNM$)
361     oRange.Interior.Color = RGB(iRed%, iGreen%, iBlue%)
362 Next k%
363 End Sub
364 Sub ToBK()
365     Dim iRow&
366     djSetOptState ("BK")
367     iRow& = SelectionRow
368     oAKDlg.DjPayerNM.Value = CellString(aSheet, iRow&, Col_Payer%)
369     akActCD$ = CellString(aSheet, iRow&, Col_ActCD%)
370     oAKDlg.xbActCd.Value = akActCD$
371 End Sub
372 Sub ToAPR()
373     Dim pSName$, pActCD$, SelPos%, xRow&, trgltem$
374     pActCD$ = oAKDlg.xbActCd.Value
375     pSName$ = Act2sName(pActCD$)
376     If pSName$ = "AP" Or pSName$ = "AR" Or pSName$ = "MW" Then
377         If oListBox2.ListCount > 0 Then
378             SelPos% = oListBox2.ListIndex
379             If SelPos% > -1 Then 'where at least one item is selected
380                 trgltem$ = oListBox2.List(SelPos%)
381             Else
382                 trgltem$ = oListBox2.List(0) 'the first item
383             End If
384             xRow& = djGetRow(trgltem$)
385             djSetOptState (pSName$)
386             SelectCell xRow&, SelectionColumn
387         Else
388             MsgTxt$ = "Box B of Items selected for settlement is vacant"
389             oAKDlg.DJOptBK.Value = 1
390             MsgBox (MsgTxt$)
391         End If
392     Else
393         MsgTxt$ = "impossible to move to AP(AR) sheet, because " & Chr(13)
394         MsgTxt$ = MsgTxt$ & "the account code " & "(" & pActCD$ & ")" differs from"
395         MsgTxt$ = MsgTxt$ & "the account code defined in macro sheet VZ"
396         MsgTtl$ = "Test of sheet name to move to"
397         resp% = MsgBox(MsgTxt$, 0, MsgTtl$)
398     End If
399 End Sub
400 Sub ToLense()
401     djSetOptState ("Lense")
402 End Sub
403 Sub djSetOptState(ByVal pSName$)
404     aSName$ = pSName$
405     Set aSheet = Workbooks(GLName).Worksheets(aSName$)
406     aSheet.Activate
407     getPagePlan aSName$, cMonth%
408     Select Case aSName$
409         Case "BK"
410             oAKDlg.DJOptBK.Value = 1
411             oAKDlg.djOptAP.Value = 0
412             oAKDlg.DjOptLN.Value = 0
413         Case "AP", "AR"
414             oAKDlg.DJOptBK.Value = 0
415             oAKDlg.djOptAP.Value = 1
416             oAKDlg.DjOptLN.Value = 0
417         Case "Lense"
418             oAKDlg.DJOptBK.Value = 0
419             oAKDlg.djOptAP.Value = 0
420             oAKDlg.DjOptLN.Value = 1
    End Select
End Sub

```

```

End Select
HSB_MaxRight% = Col_InArray(aSName$, "Border")
oAKDlg.Model.HScrollBar.ScrollValueMax = HSB_MaxRight% - 1
oAKDlg.Model.HScrollBar.BlockIncrement = Int(HSB_MaxRight%/5)
oAKDlg.Model.HScrollBar.ScrollValue = SelectionColumn() - 1
End Sub
Sub WS_UP()
    Dim iRow&
    If aSName$="BK" or aSName="Lense" then
        iRow&=SelectionRow() - 1
        Do While aSheet.getCellByPosition(1, iRow&-1).Rows.IsVisible = False
            If iRow& = 3 then
                exit do
            End If
            iRow& = iRow& - 1
        Loop
        SelectCell iRow&, SelectionColumn()
        If aSName="BK" then
            oAKDlg.GetControl("xbActCd").Text = CellString(aSheet, iRow&, Col_ActCD%)
            oAKDlg.GetControl("DjPayerNM").Text = CellString(aSheet, iRow&, Col_Payer%)
        End If
    End If
End Sub
Sub WS_Dwn()
    Dim iRow&
    If aSName$="BK" or aSName="Lense" then
        iRow& = myMin(pgPlan(3), SelectionRow + 1)
        Do While aSheet.getCellByPosition(1, iRow&-1).Rows.IsVisible = False
            iRow& = iRow& + 1
        Loop
        SelectCell iRow&, SelectionColumn()
        If aSName="BK" then
            oAKDlg.GetControl("xbActCd").Text = CellString(aSheet, iRow&, Col_ActCD%)
            oAKDlg.GetControl("DjPayerNM").Text = CellString(aSheet, iRow&, Col_Payer%)
        End If
    End If
End Sub
Sub DJ2Top()
    Dim xRow&, djNdx%, pSName$
    pSName$ = Act2sName(oAKDlg.GetControl("xbActCd").Text)
    If oListBox2.ItemCount > 0 then
        djNdx% = djSelNdx%(oListBox2, "T")
        xRow& = GetRowfromPos(djNdx%, pSName$)
        SelectCell xRow&, SelectionColumn()
    Else
        MsgTxt$ = "Box B (Items selected for settlement) is vacant"
        MsgBox(MsgTxt$)
    End If
End Sub
Sub DJ_UP()
    Dim xRow&, djNdx%, pSName$
    pSName$ = Act2sName(oAKDlg.GetControl("xbActCd").Text)
    If oListBox2.ItemCount = 0 Then
        MsgTxt$ = "Box B (Items selected for settlement) is vacant"
        MsgBox(MsgTxt$)
        exit Sub
    Else
        djNdx% = djSelNdx%(oListBox2, "U")
        xRow& = GetRowfromPos(djNdx%, pSName$)
        SelectCell xRow&, SelectionColumn
    End If
End Sub
Sub DJ_Dwn()
    Dim xRow&, djNdx%, pSName$
    pSName$ = Act2sName(oAKDlg.GetControl("xbActCd").Text)
    If oListBox2.ItemCount = 0 Then
        MsgTxt$ = "Box B (Items selected for settlement) is vacant"
        MsgBox(MsgTxt$)
        exit Sub
    Else

```

```

421 End Select
422 HSB_MaxRight% = Col_InArray(aSName$, "Border")
423 oAKDlg.HScrollBar.Max = HSB_MaxRight% - 1
424 oAKDlg.HScrollBar.LargeChange = Int(HSB_MaxRight% / 5)
425 oAKDlg.HScrollBar.Value = SelectionColumn - 1
426 End Sub
427 Sub WS_UP()
428     Dim iRow&
429     If aSName$="BK" or aSName="Lense" then
430         iRow& = myMax(3, SelectionRow - 1)
431         Do While aSheet.Cells(iRow&, 2).Rows.Hidden = True
432             If iRow& = 3 Then
433                 Exit Do
434             End If
435             iRow& = iRow& - 1
436         Loop
437         SelectCell iRow&, SelectionColumn
438         If aSName = "BK" Then
439             oAKDlg.xbActCd.Value = CellString(aSheet, iRow&, Col_ActCD%)
440             oAKDlg.DjPayerNM.Value = CellString(aSheet, iRow&, Col_Payer%)
441         End If
442     End If
443 End Sub
444 Sub WS_Dwn()
445     Dim iRow&
446     If aSName$="BK" or aSName="Lense" then
447         iRow& = myMin(pgPlan(3), SelectionRow + 1)
448         Do While aSheet.Cells(iRow&, 2).Rows.Hidden = True
449             iRow& = iRow& + 1
450         Loop
451         SelectCell iRow&, SelectionColumn
452         If aSName = "BK" Then
453             oAKDlg.xbActCd.Value = CellString(aSheet, iRow&, Col_ActCD%)
454             oAKDlg.DjPayerNM.Value = CellString(aSheet, iRow&, Col_Payer%)
455         End If
456     End If
457 End Sub
458 Sub DJ2Top()
459     Dim xRow&, djNdx%, pSName$
460     pSName$ = Act2sName(oAKDlg.xbActCd.Value)
461     If oListBox2.ListCount > 0 Then
462         djNdx% = djSelNdx%(oListBox2, "T")
463         xRow& = GetRowfromPos(djNdx%, pSName$)
464         SelectCell xRow&, SelectionColumn()
465     Else
466         MsgTxt$ = "Box B (Items selected for settlement) is vacant"
467         MsgBox(MsgTxt$)
468     End If
469 End Sub
470 Sub DJ_UP()
471     Dim xRow&, djNdx%, pSName$
472     pSName$ = Act2sName(oAKDlg.xbActCd.Value)
473     If oListBox2.ListCount = 0 Then
474         MsgTxt$ = "Box B (Items selected for settlement) is vacant"
475         MsgBox(MsgTxt$)
476         Exit Sub
477     Else
478         djNdx% = djSelNdx%(oListBox2, "U")
479         xRow& = GetRowfromPos(djNdx%, pSName$)
480         SelectCell xRow&, SelectionColumn
481     End If
482 End Sub
483 Sub DJ_Dwn()
484     Dim xRow&, djNdx%, pSName$
485     pSName$ = Act2sName(oAKDlg.xbActCd.Value)
486     If oListBox2.ListCount = 0 Then
487         MsgTxt$ = "決済予定項目ボックスが空です。"
488         MsgBox(MsgTxt$)
489         Exit Sub
490     Else

```

```

        djNdx% = djSelNdx%(oListBox2, "D")
        xRow& = GetRowfromPos(djNdx%, pSName$)
        SelectCell xRow&, SelectionColumn
    End If
End Sub
Sub DJ2Btm()
    dim xRow&, djNdx%, pSName$
    pSName$ = Act2sName(oAKDIg.GetControl("xbActCd").Text)
    If oListBox2.ItemCount > 0 then
        djNdx% = djSelNdx%(oListBox2, "B")
        xRow& = GetRowfromPos(djNdx%, pSName$)
        SelectCell xRow&, SelectionColumn()
    Else
        MsgTxt$ = "Box B (Items selected for settlement) is vacant"
        MsgBox(MsgTxt$)
    End If
End Sub
Sub SelectAll()
    dim i%, iCnt%, trglItem$, IAmount1&
    For i% = 0 to oListBox1.ItemCount - 1
        trglItem$ = oListBox1.Model.StringItemList(i%)
        iCnt% = oListBox2.ItemCount
        oListBox2.AddItem(trglItem$, iCnt%)
    Next i%
    IAmount1& = MyVal(oAKDIg.GetControl("SubTTI1").Text)
    oListBox1.RemoveItems(0, oListBox1.ItemCount)
    DJChgBox(IAmount1)
End Sub
Sub SelectByItem()
    dim i%, SelCnt%, trglItem$, insR%, aAmount&
    dim SelPos
    Rem SelPos及びSelectedItemsはゼロベース配列です。
    SelPos = oListBox1.SelectedItemsPos
    SelCnt% = Ubound(SelPos)
    If SelCnt% > -1 then
        aAmount& = djAmount(oListBox1.SelectedItems)
        for i%=0 to SelCnt%
            trglItem$ = oListBox1.Model.StringItemList(SelPos(SelCnt%-i%))
            insR% = djGetInsRow%(oListBox2, djGetRow(trglItem$))
            oListBox2.AddItem(trglItem$, insR%)
            oListBox1.RemoveItems(SelPos(SelCnt%-i%), 1)
        next i%
        DJChgBox(aAmount&)
    End If
End Sub
Sub RemoveByItem()
    dim i%, SelCnt%, trglItem$, insR%, aAmount&
    dim SelPos
    SelPos = oListBox2.SelectedItemsPos
    SelCnt% = Ubound(SelPos)

    If SelCnt% > -1 then
        aAmount& = djAmount(oListBox2.SelectedItems)
        for i%=0 to SelCnt%
            trglItem$ = oListBox2.Model.StringItemList(SelPos(SelCnt%-i%))
            insR% = djGetInsRow%(oListBox1, djGetRow(trglItem$))
            oListBox1.AddItem(trglItem$, insR%)
            oListBox2.RemoveItems(SelPos(SelCnt%-i%), 1)
        next i%
        DJChgBox(-aAmount&)
    End If
End Sub
Sub RemoveAll()
    dim i%, trglItem$, IAmount2&, insR%
    For i% = 0 to oListBox2.ItemCount - 1
        trglItem$ = oListBox2.Model.StringItemList(i%)
        insR% = djGetInsRow%(oListBox1, djGetRow&(trglItem$))
        oListBox1.AddItem(trglItem$, insR%)
    Next i%
    IAmount2& = MyVal(oAKDIg.GetControl("SubTTI2").Text)

```

```

491     djNdx% = djSelNdx%(oListBox2, "D")
492     xRow& = GetRowfromPos(djNdx%, pSName$)
493     SelectCell xRow&, SelectionColumn
494 End If
495 End Sub
496 Sub DJ2Btm()
497     Dim xRow&, djNdx%, pSName$
498     pSName$ = Act2sName(oAKDIg.xbActCd.Value)
499     If oListBox2.ListCount > 0 Then
500         djNdx% = djSelNdx%(oListBox2, "B")
501         xRow& = GetRowfromPos(djNdx%, pSName$)
502         SelectCell xRow&, SelectionColumn()
503     Else
504         MsgTxt$ = "Box B (Items selected for settlement) is vacant"
505         MsgBox (MsgTxt$)
506     End If
507 End Sub
508 Sub SelectAll()
509     Dim i%, nCnt%, IAmount1&
510     nCnt% = oListBox1.ListCount
511     For i% = 0 To nCnt% - 1
512         oListBox2.AddItem oListBox1.List(i%)
513     Next i%
514     IAmount1& = DJ2Number&(oAKDIg.SubTTI1.Value)
515     oListBox1.Clear
516     oListBox2.Selected(0) = True
517     DJChgBox (IAmount1&)
518 End Sub
519 Sub SelectByItem()
520     Dim i%, aAmount&, trglItem$, insR%
521     aAmount& = 0
522     i% = 0
523     Do While i% < oListBox1.ListCount
524         If oListBox1.Selected(i%) = True Then
525             trglItem$ = oListBox1.List(i%)
526             insR% = djGetInsRow%(oListBox2, djGetRow&(trglItem$))
527             oListBox2.AddItem trglItem$, insR%
528             aAmount& = aAmount& + djAmount(oListBox1.List(i%))
529             oListBox1.RemoveItem i%
530         Else
531             i% = i% + 1
532         End If
533     Loop
534     DJChgBox (aAmount&)
535 End Sub
536 Sub RemoveByItem()
537     Dim i%, aAmount&, trglItem$, insR%
538     aAmount& = 0
539     i% = 0
540     Do While i% < oListBox2.ListCount
541         If oListBox2.Selected(i%) = True Then
542             trglItem$ = oListBox2.List(i%)
543             insR% = djGetInsRow%(oListBox1, djGetRow&(trglItem$))
544             oListBox1.AddItem trglItem$, insR%
545             aAmount& = aAmount& + djAmount(oListBox2.List(i%))
546             oListBox2.RemoveItem i%
547         Else
548             i% = i% + 1
549         End If
550     Loop
551     DJChgBox (-aAmount&)
552 End Sub
553 Sub RemoveAll()
554     Dim i%, trglItem$, IAmount2&, insR%
555     For i% = 0 To oListBox2.ListCount - 1
556         trglItem$ = oListBox2.List(i%)
557         insR% = djGetInsRow%(oListBox1, djGetRow&(trglItem$))
558         oListBox1.AddItem trglItem$, insR%
559     Next i%
560     IAmount2& = DJ2Number&(oAKDIg.SubTTI2.Value)

```

```

oListBox2.removeItems(0, oListBox2.ItemCount)
DJChgBox(-lAmount2&)
End Sub
Sub DJChgBox(ByVal a&)
    Dim lAmount1&, lAmount2&, a1&, a2&
    lAmount1& = MyVal(oAKDlG.GetControl("SubTT11").Text)
    lAmount2& = MyVal(oAKDlG.GetControl("SubTT12").Text)
    a1& = lAmount1& - a&
    a2& = lAmount2& + a&
    oAKDlG.GetControl("SubTT11").Text = Format(a1&, "#,###0 ;(#,###0)")
    oAKDlG.GetControl("SubTT12").Text = Format(a2&, "#,###0 ;(#,###0)")
    oAKDlG.GetControl("Cnt1").Text = Format(oListBox1.ListCount, "#,###0 ;(#,###0)")
    oAKDlG.GetControl("Cnt2").Text = Format(oListBox2.ListCount, "#,###0 ;(#,###0)")
End Sub
Sub PostLeftPstn()
    Dim iLeft&
    iLeft& = Val(oAKDlG.GetControl("txtbLeft").Text)
    oAKDlG.Model.PositionX = iLeft&
    oAKDlG.Model.Height = 203
    SetCellValue WkBK, 1, 11, iLeft&
End Sub
Function Act2sName$(ByVal aActCD$)
    If Val(aActCD$) = Val(ARCD) Then
        Act2sName$ = "AR"
    Elseif Val(aActCD$) = Val(APCD) Then
        Act2sName$ = "AP"
    End If
End Function
Function djGetInsRow%(ByVal dstDJ As Object, orgR%)
    Dim i%, k%, iCnt%, fVendor$, dstR%
    iCnt% = dstDJ.ListCount
    djGetInsRow% = 0
    For i% = 0 to iCnt%-1
        fVendor$ = dstDJ.Model.StringItemList(i%)
        dstR% = djGetRow%(fVendor$)
        If dstR% > orgR% Then
            Exit For
        End If
        djGetInsRow% = djGetInsRow% + 1
    Next i%
End Function
Function djGetRow&(ByVal fVen$)
    Dim k%
    k% = InStr(1, fVen$, "|", 1)
    djGetRow& = Val(Trim(Left(fVen$, k%-1)))
End Function
Function djAmount&(ATrglItems())
    Dim i%, j%, k%, fCnt%, iLen%, trglItem$, tAmt$
    fCnt% = Ubound(ATrglItems())
    djAmount& = 0
    For i% = 0 to fCnt%
        trglItem$ = ATrglItems(i%)
        iLen% = Len(trglItem$)
        j% = InStr(1, trglItem$, "\", 1)
        k% = InStr(1, trglItem$, "[", 1)
        tAmt$ = Trim(Mid(trglItem$, j% + 1, k% - j% - 1))
        djAmount& = djAmount& + DJ2Number&(tAmt$)
    Next i%
End Function
Function GetRowfromPos%(ByVal fPos%, ByVal pSName$)
    Dim trglItem$
    trglItem$ = oListBox2.Model.StringItemList(fPos%)
    GetRowfromPos% = djGetRow(trglItem$)
    aController.ActiveSheet = oSheets.getByname(pSName$)
    oAKDlG.Model.DJOptAP.state = 1
End Function
Function DJ2Number&(sNum$)
    Dim i%, m%, iLen%, tVal&
    iLen% = Len(sNum$)
    DJ2Number& = 0

```

```

561 oListBox2.Clear
562 DJChgBox (-lAmount2&)
563 End Sub
564 Sub DJChgBox(ByVal a&)
565     Dim lAmount1&, lAmount2&, a1&, a2&
566     lAmount1& = DJ2Number&(oAKDlG.SubTT11.Value)
567     lAmount2& = DJ2Number&(oAKDlG.SubTT12.Value)
568     a1& = lAmount1& - a&
569     a2& = lAmount2& + a&
570     oAKDlG.SubTT11.Value = Format(a1&, "#,###0 ;(#,###0)")
571     oAKDlG.SubTT12.Value = Format(a2&, "#,###0 ;(#,###0)")
572     oAKDlG.Cnt1.Value = Format(oListBox1.ListCount, "#,###0 ;(#,###0)")
573     oAKDlG.Cnt2.Value = Format(oListBox2.ListCount, "#,###0 ;(#,###0)")
574 End Sub
575 Sub PostLeftPstn()
576     Dim iLeft&
577     iLeft& = Val(AKS.txtbLeft.Value)
578     AKS.Left = iLeft&
579
580     SetCellValue WkBK, 1, 11, iLeft&
581 End Sub
582 Function Act2sName$(ByVal aActCD$)
583     If Val(aActCD$) = Val(ARCD) Then
584         Act2sName$ = "AR"
585     Elseif Val(aActCD$) = Val(APCD) Then
586         Act2sName$ = "AP"
587     End If
588 End Function
589 Function djGetInsRow%(ByVal dstDJ As Object, orgR%)
590     Dim i%, k%, iCnt%, fVendor$, dstR%
591     iCnt% = dstDJ.ListCount
592     djGetInsRow% = 0
593     For i% = 0 To iCnt% - 1
594         fVendor$ = dstDJ.List(i%)
595         dstR% = djGetRow&(fVendor$)
596         If dstR% > orgR% Then
597             Exit For
598         End If
599         djGetInsRow% = djGetInsRow% + 1
600     Next i%
601 End Function
602 Function djGetRow&(ByVal fVen$)
603     Dim k%
604     k% = InStr(1, fVen$, "|", 1)
605     djGetRow& = Val(Trim(Left(fVen$, k% - 1)))
606 End Function
607 Function djAmount&(trglItem$)
608     Dim j%, k%, iLen%, tAmt$
609
610
611
612
613
614     iLen% = Len(trglItem$)
615     j% = InStr(1, trglItem$, "\", 1)
616     k% = InStr(1, trglItem$, "[", 1)
617     tAmt$ = Trim(Mid(trglItem$, j% + 1, k% - j% - 1))
618     djAmount& = DJ2Number&(tAmt$)
619 End Function
620 Function GetRowfromPos%(ByVal fPos%, ByVal pSName$)
621     Dim trglItem$
622     trglItem$ = oListBox2.List(fPos%)
623     GetRowfromPos% = djGetRow(trglItem$)
624     Workbooks(GLName).Worksheets(pSName$).Activate
625     oAKDlG.djOptAP.Value = 1
626 End Function
627 Function DJ2Number&(sNum$)
628     Dim i%, m%, iLen%, tVal&
629     iLen% = Len(sNum$)
630     DJ2Number& = 0

```

```

m% = 0
For i% = 0 To iLen%
    If IsNumeric(Right(Left(sNum$, iLen% - i%), 1)) Then
        tVal& = Val(Right(Left(sNum$, iLen% - i%), 1))
        DJ2Number& = DJ2Number& + tVal& * 10 ^ m%
        m% = m% + 1
    End If
Next i%
End Function
Function djSelNdx%(ByVal djBox As Object, UD$)
    Dim i%, SelPos, trglItem$, iCnt%
    iCnt% = djBox.ItemCount
    SelPos = djBox.SelectedItemsPos
    Select Case UD$
        Case "T"
            djSelNdx% = 0
        Case "U"
            If UBound(SelPos) = -1 Then 'where nothing is selected
                djSelNdx% = 0
            Else
                djSelNdx% = myMax(SelPos(0)-1,0)
            End If
        Case "D"
            If UBound(SelPos) = -1 Then 'where nothing is selected
                djSelNdx% = iCnt% - 1
            Else
                djSelNdx% = myMin(SelPos(UBound(SelPos))+1, iCnt%-1)
            End If

            Case "B"
                djSelNdx% = iCnt% - 1
    End Select
    If UBound(SelPos)>-1 Then
        For i% = 0 to iCnt% -1
            djBox.SelectItem(djBox.Model.StringItemList(i%), False)
        Next i%
    End If
    trglItem$ = djBox.Model.StringItemList(djSelNdx%)
    djBox.SelectItem(trglItem$, True)
End Function
Function AKFormat$(ByVal num&)
    dim i%, isgn%, iDigit%, pLeft$, pRight$, wd$
    isgn% = 95
    iDigit% = 14
    AKFormat$ = Format(num&, "0,000,00##,##0 ;(0,000,00##,##0)")
    If Left(AKFormat$, 1) = "0" then
        AKFormat$ = Chr(isgn%) & Right(AKFormat$, iDigit%-1)
    Else
        Exit Function
    End If
    For i% = 1 to iDigit%
        wd$ = Left(Right(AKFormat$, iDigit%-i%), 1)
        If Val(wd$) > 0 then
            Exit For
        ElseIf wd$ = "0" then
            pLeft$ = Left(AKFormat$, i%)
            pRight$ = Right(AKFormat$, iDigit%-i%-1)
            AKFormat$ = pLeft$ & Chr(isgn%) & pRight$
        End If
    Next i%
End Function

```

```

631 m% = 0
632 For i% = 0 To iLen%
633     If IsNumeric(Right(Left(sNum$, iLen% - i%), 1)) Then
634         tVal& = Val(Right(Left(sNum$, iLen% - i%), 1))
635         DJ2Number& = DJ2Number& + tVal& * 10 ^ m%
636         m% = m% + 1
637     End If
638 Next i%
639 End Function
640 Function djSelNdx%(ByVal djBox As Object, UD$)
641     Dim i%, trglItem$, iCnt%, eCnt%
642     iCnt% = djBox.ListCount
643     eCnt% = 0
644     Select Case UD$
645         Case "T"
646             djSelNdx% = 0
647         Case "U", "D"
648             For i% = 0 To iCnt% - 1
649                 If djBox.Selected(i%) = True Then
650                     eCnt% = eCnt% + 1
651                     If UD$ = "U" Then
652                         djSelNdx% = myMax(i% - 1, 0)
653                     Exit For
654                 Else
655                     djSelNdx% = myMin(i% + 1, iCnt% - 1)
656                 End If
657             End If
658         Next i%
659         If eCnt% = 0 Then
660             If UD$ = "U" Then
661                 djSelNdx% = 0
662             Else
663                 djSelNdx% = iCnt% - 1
664             End If
665         End If
666         Case "B"
667             djSelNdx% = iCnt% - 1
668     End Select
669     For i% = 0 To iCnt% - 1
670         djBox.Selected(i%) = False
671     Next i%
672
673
674
675     djBox.Selected(djSelNdx%) = True
676 End Function
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692
693
694
695
696
697

```