Produced with ACL by: AGL Resources, Inc.
[PARENT_FOLDER_ID] 0
*Note: $\bar{P} r i o r ~ t \bar{o}$ performing this script, the required tables must be properly created and formatted. Follow directions below for table creation:
*
*Header File
*1. Run EX_SHEET_HDR from PeopleSoft Financials Citrix Application. Run report for the testing month to the screen and excel
*2. In excel, remove all extra gray columns
*3. In sheet, copy Creation Date, Approval Date, Submission Date, Resubmission Date, Acctg Date, Doc Seq Date and paste into excel to ensure correct date format is achieved. Change format in excel to MM/DD/YYYY
*4. Save file as a txt delimited format named: (3 MONTH ABBREVIATION) HEADER.txt to filepath C: \ACL Input $\backslash$ Exp Rpt Monitoring
*
*3 Month Header File
*1. Run EX SHEET HDR from PeopleSoft Financials Citrix Application. Run report for the testing month to the screen and excel. For date range, select the 2 months prior to the testing month and the testing month
*2. In excel, remove all extra gray columns
*3. In sheet, copy Creation Date, Approval Date, Submission Date, Resubmission Date, Acctg Date, Doc Seq Date and paste into excel to ensure correct date format is achieved. Change format in excel to MM/DD/YYYY
*4. Save file as a txt delimited format named: (3 MONTH ABBREVIATION) 3 Month HEADER.txt to filepath $C: \backslash A C L$ Input $\backslash$ Exp Rpt Monitoring
*
*Line File
*1. Run EX SHEET_LINE from PeopleSoft Financials Citrix Application. Run report for the testing month to the screen and excel.
*2. In excel, remove all extra gray columns
*3. In sheet, copy Transaction Date and Desription fields and paste into excel to ensure correct date format and the removal of hard returns. Change format of Transaction Date to MM/DD/YYYY in excel.
*4. Save file as txt delimited format named: (3 MONTH ABBREVIATION) LINE.txt to filepath C: $\backslash$ ACL Input $\backslash$ Exp Rpt Monitoring
*
*3 Month Line File
*1. Run EX SHEET LINE from PeopleSoft Financials Citrix Application. Run report for the testing month to the screen and excel. For date range, select the 2 months prior to the testing month and the testing month
*2. In excel, remove all extra gray columns
*3. In sheet, copy Transaction Date and Desription fields and paste into excel to ensure correct date format and the removal of hard returns. Change format of Transaction Date to MM/DD/YYYY in excel.
*4. Save file as txt delimited format named: (3 MONTH ABBREVIATION) 3 Month LINE.txt to filepath $\mathrm{C}: \backslash \mathrm{ACL}$ Input $\backslash \mathrm{Exp}$ Rpt Monitoring
$\star$
*
*Attendees File
*
*1. Run EX SHEET ATTENDEES from PeopleSoft Financials Citrix application.
*2. Run report for the testing month to the screen and excel.
*3. In excel, remove all extra gray columns
*4. Save file as txt delimited format named: (3 MONTH ABBREVIATION) ATTENDEES.txt to filepath $\mathrm{C}: \backslash \mathrm{ACL}$ Input $\backslash \mathrm{Exp}$ Rpt Monitoring
*
*
*EX_PURPOSE_TBL
*This table does not change and is only used to obtain the business purpose description field. Copy previous month table and rename as: (3 MONTH ABBREVIATION) EX PURPOSE TBL.txt
*
*Active All
*
*1. Run Active All query from PeopleSoft HRMS
*2. Run report to excel.
*3. In excel, delete extra row at top of file.
*4. Change format of all date fields to MM/DD/YYYY
*5. Save file as txt delimited format named: (3 MONTH ABBREVIATION) Active All.txt to filepath C: \ACL Input $\backslash \operatorname{Exp}$ Rpt Monitoring
*
*Missing Receipts File

Produced with ACL by: AGL Resources, Inc.
*
*1. Run public query AEX564 EXPENSE RECEIPT_AUDIT from PeopleSoft Financials Citrix application.
*2. Run report for the testing mont $\bar{h}$ to the screen and excel.
*3. In excel, remove all extra gray columns.
*4. In sheet, copy Creation Date field and paste into excel to ensure correct date format and the removal of hard returns. Change format of Transaction Date to MM/DD/YYYY in excel.
*5. Save file as txt delimited format named: ( 3 MONTH ABBREVIATION) MISSING RECEIPTS.txt to filepath C: \ACL Input $\backslash \operatorname{Exp}$ Rpt Monitoring
*
*
*
*This script serves as the master script for the monthly Expense Report Continuous Monitoring project. Upon running this script, the user is prompted to enter the 3 -letter abbreviation for the testing month (Jan, Feb, Mar, etc.). Once the testing month is determined, the script performs the following actions:
*
*- Imports all tables from the 'C:/ACL Input' file path. The require tables include:

* \% MONTH\%_3_MONTH_HEADER: Contains header information for each expense report ( 3 month range for testing of $\bar{f}$ expensés submitted multiple times).
*. \%MONTH\%_3_MONTH_LINE: Contains individual transaction information for each expense report (3 month range for tēsting of expenses submitted multiple times).
* \% MONTH\% ACTIVE ALL: Contains job information for all active employees and contractors.
* $\quad \%$ MONTH\% ATTENDEES: Contains data for any transaction that included attendees other than the submitter.
* \% MONTH\% EX_PURPOSE_TBL: Contains descriptions for the 'Business Purpose' field found in the HEADER tab̄le.
* $\%$ MONTH\% HEADER: Contains header information for each expense report.
*. \%MONTH\% LINE: Contains individual transaction for each expense report.
* \% MONTH\%_MISSING_RECEIPTS: PeopleSoft report that notes all expense reports which did not include
a receipt.
* 

*- Creates indexes for all files that are going to be related. Indexes are required to allow direct access to the records in a logical (rather than physical) order. Indexes are created for the $\%$ MONTH\%_HEADER, \%MONTH\%_EX_PURPOSE, \%MONTH\%_ACTIVE_ALL, and \%MONTH\%_3_MONTH_HEADER tables.
*
*- Creates relationships between the two primary testing tables (\%MONTH\% LINE \& $\% M O N T H \%$ _3_MONTH_LINE) and the \%MONTH\%_HEADER, \%MONTH\%_EX_PURPOSE, and \%MONTH\%_ACTIVE_ALL tables
*
*- Creates conditional fields required for expense report testing, including:

* Spouse_Search: Identifies spouses in the \%MONTH\% ATTENDEE table
* Error: Detects the word 'error' in the 'Description' field of the \%MONTH\% LINE table
* Transaction DOW: Converts 'Transaction Date' field to the character day of the week in the \%MONTH\% LINE Eable. Field is used to detect transactions performed on Saturday or Sunday
* Gift_Card: Detects the word 'gift card' in the 'Description' field of the \%MONTH\% LINE table
* Holiday: Converts 'Transaction_Date' field to the character holiday (where applicable) in the $\%$ MONTH\% LINE table. Field is used to detect transactions performed on holidays
* 

*- Calls script 'Test_Procedures' which performs each testing procedure
*
*Script Creator: Blake Varner
*Created On Date: 5/4/2011
*Last Updated Date: 5/23/2011
DELETE LOG OK

## SET SAFETY OFE

COMMENT Displays prompt box upon initiating script which allows the user to input month to test. Input must be in 3 -letter abbreviation format (JAN, FEB, MAR, etc.)

ACCEPT "Enter 3-letter abbreviation for month (must match file name):" TO MONTH
COMMENT Import all tables in text (tab delimited) format from the location "C: $\backslash A C L$ Input $\backslash$ exp Rpt Monitoring\"

IMPORT DELIMTTED TO \%MONTH\% Missing Receipts "\%MONTH\% Missing Receipts.fil" FROM "C: \ACL Input Rpt Monitoring $\ \% M O N T H \% ~ M I S \overline{S I N G ~ R E C E I P T S . t x t " ~} 0$ SEPARATOR TAB QUALIFIER '" CONSECUTIVE
STARTLINE 1 KEEPTITLE FIELD "Name" C AT 1 DEC 0 WID 24 PIC "" AS " " FIELD "EmplID" C AT 25
DEC 0 WID 5 PIC "" AS "" FIELD "Report ID" C AT 30 DEC 0 WID 10 PIC "" AS " FIELD
"Creation_Date" D AT 40 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Due_Employee" N AT 50 DEC

IMPORT DELIMITED TO \%MONTH\% LINE "\%MONTH\% LINE.fil" FROM "C: \ACL Input $\backslash$ Exp Rpt Monitoring $\backslash$ OMONTH\% LINE.txt" 0 SEPARATOR TAB QUALIFIER NONE CONSECUTIVE STARTLINE 1 KEEPTITLE FIELD "Report_ID" C AT 1 DEC 0 WID 10 PIC ""AS "" FIELD "Line_Number" C AT 11 DEC 0 WID 2 PIC "" AS "" FIELD "Line_Status" C AT 13 DEC 0 WID 11 PIC "" AS "" FIELD "Expense_Type" C AT 24 DEC 0 WID 12 PIC "" AS"" FIELD "Transaction Date" D AT 36 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Deny " C AT 46 DEC 0 WID 13 PIC "" AS "" FIEID "Personal_Expense" C AT 59 DEC 0 WID 16 PIC "" AS "" FIELD "Transaction Amt" N AT 75 DEC 3 WID 15 PI $\bar{C}$ "" AS "" FIELD "Currency" C AT 90 DEC 0 WID 8 PIC "" AS "" FIEL̄D "Rate_Multiplier" C AT 98 DEC 8 WID 15 PIC "" AS "" FIELD "Payment Type" C AT 113 DEC 0 WID 12 PIC "" AS "" FIELD "Merchant" C AT 125 DEC 0 WID 40 PIC "" AS "" FIELD "Description" C AT 165 DEC 0 WID 254 PIC "" AS "" FIELD "Ticket_Number" C AT 419 DEC 0 WID 16 PIC "" AS "" FIELD "Distance Traveled" C AT 435 DEC 0 WID 17 PIC "" AS "" FIELD
"Distance_Type" C AT 452 DECㅇo WID 13 PIC "" AS "" FIELD "Nbr_of_Nights" C AT 465 DEC 0 WID 13 PIC "" AS "" FIELD "Location Amount Comment" C AT 478 DEC $\overline{0}$ WID 10 PIC "" AS "" FIELD "No Receipt Comment" C AT 488 DEC 0 WID 60 PIC "" AS "" FIELD "Preferred_Vendor_Comment" C AT 548 DEC 0 WID 10 PIC "" AS "" FIELD "No_Rcpt" C AT 558 DEC 0 WID 7 PIC "" AS "" FIELD "GrossUp" C AT 565 DEC 0 WID 7 PIC "" Ā̄ "" FIELD "Separate_Check" C AT 572 DEC 0 WID 14 PIC "" AS "" FIELD "_of Passengers" C AT 586 DEC 0 WID 15 PIC "" AS "" FIELD "Approval_Flag" C AT 601 DEC 0 WID 13 PIC "" AS ""
IMPORT DELIMITED TO \%MONTH\%_HEADER "\%MONTH\% HEADER.fil" FROM "C: \ACL Input $\backslash E x p$ Rpt

KEEPTITLE FIELD "Report_ID" C AT 1 DEC 0 WID 10 PIC "" AS "" FIELD "Employee_ID" C AT 11 DEC 0 WID 5 PIC "" AS "" FIELD "Report Status" C AT 16 DEC 0 WID 22 PIC "" AS "" FIELD "Origin" C AT 38 DEC 0 WID 6 PIC "" AS "" FIELD "Creation_Date" D AT 44 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Approval Date" D AT 54 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Submission Date" D AT 64 DEC 0 WID $\overline{10}$ PIC "MM/DD/YYYY" AS "" FIELD "Resubmission Date" D AT 74 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Last_Updated Date" D AT 84 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Last_Updated_By" C AT 94 DE $\bar{C} 0$ WID $\overline{15}$ PIC "" AS "" FIELD "Receipts_Received" C AT 109 DEC 0 WID $1 \overline{7}$ PIC ""-AS "" FIELD "Receipts_Verified" C AT 126 DEC 0 WID $17^{-}$PIC "" AS "" FIELD "Report_Description" C AT 143 DEC 0 WID 5 $\overline{0}$ PIC "" AS "" FIELD "Expense_Location" C AT 193 DEC 0 WID $1 \overline{6}$ PIC "" AS "" FIELD "SetID" C AT 209 DEC 0 WID 5 PIC "" AS "" FIELD "Posting_Status" C AT 214 DEC 0 WID 14 PIC "" AS "" FIELD "Acctg_Date" D AT 228 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Business_Purpose" C AT 238 DEC 0 WID 5 PIC "" AS "" FIELD "Doc_Seq_Date" D AT 243 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Entered By" C AT 253 DEC 0 WID $1 \overline{0}$ PIC " " AS "" FIELD "No_Receipt Flag" C AT 263 DEC 0 WID 15 PIC "" A $\bar{S}$ "" FIELD "No_VAT_Receipt" C AT 278 DEC 0 WID 14 PIC "" AS "" FIELD "Sync_ID" C AT 292 DEC 0 WID 7 PIC "" AS ${ }^{-1}$ " FIELD "Sync Date Time" C AT 299 DEC 0 WID $2 \overline{6}$ PIC "" AS "" FIELD "Total_Amount" N AT 325 DEC 2 WID 12 PIC "" Às "" FIELD "Total_Due_to Employee" N AT 337 DEC 2 WID 21 PIC "" AS "" FIELD "Approval_In_Progress_Flag" $\overline{\mathrm{C}} \mathrm{AT}^{-} 35 \overline{8}$ DEC 0 WID 25 PIC "" AS "" FIELD "Date__Time_Stamp" C AT 383 DEC 0 WID 26 PIC "" AS "" FIELD "Last_User_to Take_Action" C AT 409 DEC 0 AS "" FIELD "Last_Action_Taken" C AT 433 DEC 0 WID 22 PIC "" AS "" FIELD "Total_Due_Vendor" N AT 455 DEC 2 WID $\overline{1} 6$ PIC "" AS "" FIELD "Total Vendor Credits" $N$ AT 471 DEC 2 WID 20 PIC "" AS

IMPORT DELIMITED TO \%MONTH\%_EX_PURPOSE "\%MONTH\% EX PURPOSE.fil" FROM "C: \ACL Input $\backslash E x p$ Rpt Monitoring $\backslash \% M O N T H \% ~ E X ~ P U R P O \overline{S E}$ TBL.txt" 0 SEPARATOR TAB QUALIFIER NONE CONSECUTIVE STARTLINE 1 KEEPTITLE FIELD "SetID" C AT 1 DEC 0 WID 5 PIC "" AS "" FIELD "Purpose" C AT 6 DEC 0 WID 5 PIC "" AS "" FIELD "Eff_Date" D AT 11 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Status" C AT 21 DEC 0 WID 6 PIC "" A $\bar{S}$ "" FIELD "Business_Purpose" C AT 27 DEC 0 WID 28 PIC "" AS "" FIELD "Short Desc" C AT 55 DEC 0 WID 10 PIC "" AS"" FIELD "Sync ID" C AT 65 DEC 0 WID 7 PIC "" AS "" FIELD "Sync_Date_Time" C AT 72 DEC 0 WID 26 PIC "" AS ""
IMPORT DELIMITED TO $\bar{\circ}$ MONTH\%_ATTENDEES "\%MONTH\% ATTENDEES.fil" FROM "C: \ACL Input $\backslash E x p$ Rpt
Monitoring \¿MONTH\% ATTENDEES.txt" 0 SEPARATOR TAB QUALIFIER NONE CONSECUTIVE STARTLINE 1
KEEPTITLE FIELD "Report_ID" C AT 1 DEC 0 WID 10 PIC "" AS "" FIELD "Line__" C AT 11 DEC 0 WID 2 PIC "" AS "" FIELD "Seq_Nbr" C AT 13 DEC 0 WID 7 PIC "" AS "" FIELD "Name" C AT 20 DEC 0 WID 43 PIC "" AS "" FIELD "Company" C AT 63 DEC 0 WID 35 PIC "" AS "" FIELD "Title" C AT 98 DEC 0 WID 35 PIC "" AS ""
IMPORT DELIMITED TO \%MONTH\%_ACTIVE_ALL "\%MONTH\% ACTIVE ALL.fil" FROM "C: \ACL Input \Exp Rpt Monitoring $\backslash \% M O N T H \%$ Active $\bar{A} l l . t x t \bar{"} 0$ SEPARATOR TAB QUALIFIER '"' CONSECUTIVE STARTLINE 1 KEEPTITLE FIELD "ID" C AT 1 DEC 0 WID 5 PIC "" AS "" FIELD "Name" C AT 6 DEC 0 WID 37 PIC "" AS "" FIELD "Pay_Status" C AT 43 DEC 0 WID 10 PIC "" AS "" FIELD "Job_Code" C AT 53 DEC 0 WID 8 PIC "" AS "" FİELD "Job_Title" C AT 61 DEC 0 WID 30 PIC "" AS "" FIĒLD "DeptID" C AT 91 DEC 0 WID 6 PIC "" AS "" FIELD "Department" C AT 97 DEC 0 WID 30 PIC "" AS "" FIELD "Last Start" D AT 127 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Entry_Date" D AT 137 DEC 0 WID $10^{-}$PIC "MM/DD/YYYY" AS "" FIELD "Co" C AT 147 DEC 0 WID 3 PIC "" AS "" FIELD "Company" C AT 150 DEC 0 WID 30 PIC "" AS "" FIELD "Org_Relation" C AT 180 DEC 0 WID 12 PIC "" AS ""
IMPORT DELIMITED TO \%MONTH\%_3MONTH_LINE "\%MONTH\% 3 MONTH LINE.fil" FROM "C: $\backslash A C L$ Input $\backslash E x p$ Rpt Monitoring $\backslash \% M O N T H \% ~ 3$ Month ${ }^{-}$Līne.txE" 0 SEPARATOR TAB QUALIFIER NONE CONSECUTIVE STARTLINE 1 KEEPTITLE FIELD "Report ID" C AT 1 DEC 0 WID 10 PIC "" AS "" FIELD "Line_Number" C AT 11 DEC 0 WID 2 PIC "" AS "" FIELD "Line_Status" C AT 13 DEC 0 WID 11 PIC "" AS "" FIELD "Expense_Type" C AT 24 DEC 0 WID 12 PIC "" AS "" FIELD "Transaction_Date" D AT 36 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Deny_" C AT 46 DEC 0 WID 13 PIC ""-AS "" FIELD "Personal_Expense" C AT 59 DEC 0 WID $\overline{1} 6$ PIC "" AS "" FIELD "Transaction_Amt" N AT 75 DEC 2

IMPORT DELIMITED TO \%MONTH\% 3 MONTH_HEADER "\%MONTH\% 3 MONTH HEADER.fil" FROM "C: $\backslash$ ACL Input $\operatorname{Exp}$ Rpt Monitoring $\backslash \% M O N T H \% ~ 3$ Month ${ }^{-1}$ ĒADER. $\overline{\text { Ext" }} 0$ SEPARATOR TAB QUALIFIER '"' CONSECUTIVE STARTLINE 1 KEEPTITLE FIELD "Report ID" C AT 1 DEC 0 WID 10 PIC "" AS "" FIELD "Employee_ID" C AT 11 DEC 0 WID 5 PIC "" AS "" FIELD "Report_Status" C AT 16 DEC 0 WID 22 PIC "" AS "" FIELD "Origin" C AT 38 DEC 0 WID 6 PIC "" AS ""FIEID "Creation_Date" D AT 44 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Approval_Date" D AT 54 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Submission_Date" D AT 64 DEC 0 WID $\overline{1} 0$ PIC "MM/DD/YYYY" AS "" FIELD "Resubmission_Date" D AT 74 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Last Updated Date" D AT 84 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Last_Updated_By" C AT 94 DE $\bar{C} 0$ WID $\overline{1} 5$ PIC "" AS "" FIELD "Receipts_Received" C AT 109 DEC 0 WID $1 \overline{7}$ PIC ""-AS "" FIELD "Receipts_Verified" C AT 126 DEC 0 WID 17 PIC "" AS "" FIELD "Report Description" C AT 143 DEC 0 WID $5 \overline{0}$ PIC "" AS "" FIELD "Expense_Location" C AT 193 DEC 0 WID $1 \overline{6}$ PIC "" AS "" FIELD "SetID" C AT 209 DEC 0 WID 5 PIC "" AS "" FIELD "Posting_Status" C AT 214 DEC 0 WID 14 PIC "" AS "" FIELD "Acctg_Date" D AT 228 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Business_Purpose" C AT 238 DEC 0 WID 5 PIC "" AS "" FIELD "Doc Seq_Date" D AT 243 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Entered By" C AT 253 DEC 0 WID $1 \overline{0}$ PIC "" AS "" FIELD "No_Receipt_Flag" C AT 263 DEC 0 WID 15 PIC "" A $\bar{S}$ "" FIEID "No_VAT_Receipt" C AT 278 DEC 0 WID 14 PIC "" AS "" FIELD "Sync ID" C AT 292 DEC 0 WID 7 PIC "" AS "" FIELD
"Sync_Date_Time" C AT 299 DEC 0 WID $2 \overline{6}$ PIC "" AS "" FIELD "Total_Amount" N AT 325 DEC 2 WID 12 PIC "" $\bar{A} S$ "" FIELD "Total_Due_to Employee" N AT 337 DEC 2 WID 21 PIC "" AS "" FIELD "Approval_In_Progress_Flag" $\overline{\mathrm{C}}$ AT $35 \overline{8}$ DEC 0 WID 25 PIC "" AS "" FIELD "Date_Time_Stamp" C AT 383 DEC $0^{-}$WID 26 PIC $\bar{n} " A S$ "" FIELD "Last User_to Take_Action" C AT 409 DEC 0 WID 24 PIC "" AS "" FIELD "Last_Action_Taken" C AT 433 DEC O-WID 22 PIC "" AS "" FIELD "Total_Due_Vendor" N AT 455 DEC 2 WID 16 PIC "" AS "" FIELD "Total_Vendor_Credits" N AT 471 DEC 2 WID 20 PIC "" AS
IMPORT DELIMITED TO Terminated_Users "Terminated Users.fil" FROM "C: \ACL Input $\backslash$ Exp Rpt
Monitoring \Terminated Users.t̄̄t" 0 SEPARATOR TAB QUALIFIER '"' CONSECUTIVE STARTLINE 1
KEEPTITLE FIELD "ID" C AT 1 DEC 0 WID 5 PIC "" AS "" FIELD "Name" C AT 6 DEC 0 WID 28 PIC "" AS "" FIELD "Pay_Status" C AT 34 DEC 0 WID 10 PIC "" AS "" FIELD "Job_Code" C AT 44 DEC 0 WID 8 PIC "" AS "" FİELD "Descrip" C AT 52 DEC 0 WID 30 PIC "" AS "" FIELD "DeptID" C AT 82 DEC 0 WID 6 PIC "" AS "" FIELD "Descr" C AT 88 DEC 0 WID 30 PIC "" AS "" FIELD "Start Date" D AT 118 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Last_Start" D AT 128 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Term_Date" D AT 138 DEC 0 WID 10 PIC "MM/DD/YYYY" AS "" FIELD "Last_Date" D AT 148 DEC 0 WID-10 PIC "MM/DD/YYYY" AS "" FIELD "Org_Relation" C AT 158 DEC 0 WID $1 \overline{2}$ PIC "" AS ""
IMPORT DELIMITED TO Not_Active_or_Term "Not Active or Term.fil" FROM "C: \ACL Input $\backslash$ Exp Rpt Monitoring \Not active or terminated.txt" 0 SEPARATOR TAB QUALIFIER '"' CONSECUTIVE STARTLINE 1 KEEPTITLE FIELD "ID" C AT 1 DEC 0 WID 5 PIC "" AS "" FIELD "Name" C AT 6 DEC 0 WID 20 PIC "" AS "" FIEID "Pay Status" C AT 26 DEC 0 WID 16 PIC "" AS "" FIELD "Job_Code" C AT 42 DEC 0 WID 8 PIC "" AS "" $\operatorname{FIELD}$ "Job" C AT 50 DEC 0 WID 29 PIC "" AS "" FIELD "DeptID" C AT 79 DEC 0 WID 4 PIC "" AS "" FIELD "Dept" C AT 83 DEC 0 WID 30 PIC "" AS "" FIELD "Last_Start" C AT 113 DEC 0 WID 10 PIC "" AS "" FIELD "Job_Entry_Date" C AT 123 DEC 0 WID 14 PIC "" $A S$ " FIELD "Co" C AT 137 DEC 0 WID 3 PIC "" AS "" FIELD "Company" C AT 140 DEC 0 WID 29 PIC "" AS "" FIELD "EE or CWR" C AT 169 DEC 0 WID 9 PIC "" AS "" FIELD "Term_Date" C AT 178 DEC 0 WID 10 PIC "" AS ${ }^{-}{ }^{-}$FIELD "Last_Date" C AT 188 DEC 0 WID 10 PIC "" AS ""

COMMENT Create indexes for all files that are going to be related. Index must be created to allow direct access to the records in a logical (rather than physical) order.

OPEN \%MONTH\%_HEADER
INDEX ON Report_ID TO "Header_Report_ID" OPEN
SET INDEX TO "Header_Report_ID"
OPEN \%MONTH\%_EX_PURPOSE
INDEX ON Purpose to "EX PURPOSE_Purpose" OPEN
SET INDEX TO "EX_PURPOSE_Purpose"
OPEN \%MONTH\%_ACTIVE_ALL
INDEX ON ID TO "ACTIVE ALL ID" OPEN
SET INDEX TO "ACTIVE_ALL_ID"
OPEN \%MONTH\% 3 MONTH HEADER
INDEX ON Repōrt_ID TO "Month3_Header_Report_ID" OPEN
SET INDEX TO "Month3_Header_Report_ID"
OPEN Terminated_Users
INDEX ON ID TO "Terminated_ID" OPEN
SET INDEX TO "Terminated_ID"
OPEN Not_Active_or_Term
INDEX ON ${ }^{-}$ID TO "Not_Active_or_Term ID" OPEN
SET INDEX TO "Not_Ac̄tive_or_Tērm_ID"

```
COMMENT Relate all testing tables to %MONTH%_LINE. Many-to-1 relationship can be related, rather
    than joined, to decrease number of joins required for testing.
OPEN %MONTH% LINE
DEFINE RELATITON Report_ID WITH %MONTH%_HEADER INDEX Header_Report_ID
DEFINE RELATION %MONTH%
DEFINE RELATION %MONTH%_HEADER.Employee_ID WITH %MONTH%_ACTIV̄E_ĀLL INDEX ACTIVE_ĀLL_ID
DEFINE RELATION %MONTH%-HEADER.Employee_ID WITH Termina\overline{ted User}s INDEX Terminatēd ID
DEFINE RELATION &MONTH%_HEADER.Employee_ID WITH Not_Active_or_Term INDEX NOt_Active_or_Term_ID
COMMENT Relate 3 Month tables for Query 1B (Expenses submitted multiple times)
OPEN %MONTH% 3 MONTH_LINE
DEFINE RELATİON Report_ID WITH %MONTH%_3_MONTH_HEADER INDEX Month3_Header_Report_ID
DEFINE RELATION %MONTH\overline{\circ}}3\mathrm{ 3 MONTH HEADER.BüSIness_Purpose WITH %MONTH%%EX_PURPOSE INDEX
    EX_PURPOSE_Purpose
DEFINE RELATION %MONTH%_3_MONTH_HEADER.Employee_ID WITH %MONTH%_ACTIVE_ALL INDEX ACTIVE_ALL_ID
COMMENT Create conditional field 'Spouse Search' which is used during test 1F. The field is
    searching in the 'Name' and 'Title' fields of the Attendee table for specific strings
    associate with spouses (Wife, Husband, etc.)
OPEN %MONTH%_ATTENDEES
DEFINE FIELD Spouse_Search COMPUTED
T IF FIND( 'Wife', Name)
T IF FIND( 'Husband', Name)
T IF FIND( 'Spouse', Name)
T IF FIND( 'Guest', Name)
T IF FIND( 'Wife', Title)
T IF FIND( 'Husband', Title)
T IF FIND( 'Spouse', Title)
T IF FIND( 'Guest', Title)
F
COMMENT Create conditional field 'Error' which is used during test to capture 'error' and
    'personal' in the %MONTH%_LINE 'Description' field
OPEN %MONTH%_LINE
DEFINE FIELD Error COMPUTED
T IF FIND( 'Error', Description)
T IF FIND( 'Personal', Description)
F
COMMENT Create computed field Transcation DOW which converts the 'Transaction_Date' field to the
    text day of the week. This is used during test lJ to search for transactions performed on
    weekends.
OPEN %MONTH%_LINE
DEFINE FIELD Transaction_DOW COMPUTED CDOW(Transaction_Date, 9)
COMMENT Create conditional field 'Gift Card' which is used during test 1K. The field is searching
    in the 'Description' and 'Merchant' fields of the Line table for specific strings associate
    with gift cards
OPEN %MONTH%_LINE
DEFINE FIELD Gift_Card COMPUTED
T IF FIND( 'Gift Card', Description)
T IF FIND( 'Gift', Description)
T IF FIND( 'Giftcard', Description)
T IF FIND( 'Gift Card', Merchant)
T IF FIND( 'Giftcard', Merchant)
T IF FIND( 'Reward', Merchant)
T IF FIND( 'Visa', Merchant)
```

```
T IF FIND( 'Mastercard', Merchant)
T IF FIND( 'Discover', Merchant)
T IF FIND( 'Amex', Merchant)
T IF FIND( 'American Express', Merchant)
T IF FIND( 'Bank', Merchant)
T IF FIND( 'Credit Union', Merchant)
F
```

COMMENT Create computed field Holiday which converts the 'Transaction Date' field to the text
holiday (if applicable). This is used during test $1 J$ to search for transactions performed on
holidays.
OPEN \%MONTH\%_LINE
DEFINE FIELD Holiday COMPUTED
"New Year's Day" IF Transaction Date $=$ '20101231`    "Martin Luther King, Jr. Day" IF Transaction_Date =`20110117`     "Memorial Day" IF Transaction_Date \(=` 201105 \overline{3} 0^{`}\)     "Independence Day" IF Transaction_Date \(=\) `20110704`    "Labor Day" IF Transaction Date \(=-{ }^{-} 20110905^{\prime}\)     "Thanksgiving" IF Transaction_Date \(=\)`20111124
"Friday After Thanksgiving" I $\bar{F}$ Transaction Date $=` 20111125^{\prime}$
"Christmas Eve" IF Transaction_Date $=$ `20111223`
"Christmas Day" IF Transaction Date $=$ `20111226`
"New Years Day" IF Transaction_Date $=` 20120102^{`}$
"N/A"
COMMENT Create conditional field 'TestA_Filter' which is used during test 1A. Test 1A looks for
cash reimbursements that are not related to mileage or parking. IA noted that filtering
mileage and parking expense types did not fully remove all false positives. This computed
field looks for additional strings which should be removed from the analysis.
OPEN \%MONTH\%_LINE
DEFINE FIELD TestA_Filter COMPUTED
T IF FIND( 'Tip', Description)
T IF FIND ( 'Toll', Description)
T IF FIND( 'Cab', Description)
T IF FIND( 'Taxi', Description)
T IF FIND( 'Bus Fare', Description)
T IF FIND ( 'Safety Shoe', Description)
T IF FIND( 'Safety Boot', Description)
F
COMMENT Create computed field Term Days Count which will show how many days have passed between an
employees terminated date and the processed transaction date.
OPEN \%MONTH\%_LINE
DEFINE FIELD Term_Days_Count COMPUTED Terminated_Users.Term_Date - Transaction_Date
COMMENT Call test script Test_Procedures
DO Test_Procedures
[PARENT_FOLDER_ID] 0
*This script is called from script 'Exp_Rpt_Monitoring' and is used to perform the expense report monthly monitoring test procedures. The sc̄ript performs the following tests:
*
*- Inactive Employee Test: Extract all transactions records that are submitted by an inactive employee ID. Inactive IDs are determined from the \%MONTH\%_ACTIVE_ALL table
*
*- 1A Cash Reimbursements: Detects cash reimbursements that are not related to mileage or parking payment types.
*
*- 1B Expenses Submitted Multiple Times: Utilizes the 3 -month transactions data to detect duplicate transactions (same employee and same transaction amount). Data is sorted on employee ID, transaction amount, and transaction date.
*
*- 1C Airfare: Searches transactions for 'Airfare' expense type and sorts on transaction amount. High transaction amounts are investigated.
*
*- 1F Spouse Charges: Utilizes the 'Spouse_Search" conditional field which was created in the 'Exp Rpt_Monitoring' script to search for spouse records in the \%MONTH\%_ATTENDEE table. These records are joined with the \%MONTH\% LINE table to extract full transaction details for these charges.
*
*- 1F Error Charges: Utilizes the 'Error' conditional field which was created in the
'Exp_Rpt_Monitoring' script to search for error charges in the \%MONTH\%_IINE table. Detected records are exported for review.
*
*- 1G No Receipts: Joins the PeopleSoft No Receipt report to the \%MONTH\%_ACTIVE_ALL table to provide complete employee information on each 'No Receipt' record.
*
*- 1H Split Transactions: Searches for potential split transactions by filtering for duplicates on employee ID, merchant, and transaction date fields.
*
*- IJ Non-business day purchases: Uses the 'Transaction_Dow' and 'Holiday' conditional fields to detect transactions performed on weekends and holidays.
*
*- IK Gift Card: Utilizes the 'Gift_Card' conditional field to capture instances of the string 'gift card' in the \%MONTH\% LINE 'Description' field. Detected fields are extracted for investigation.
*
*Upon completion of the test procedures, the script calls the 'Clean_up' script.
COMMENT Inactive Employee Test: Extract records that are not related to an active employee ID. This test searches for transactions related to employees who are terminated or on leave with pay. These transactions are excluded from the remaining reports and should be reviewed.

OPEN \%MONTH\% LINE
SET FILTER T $\bar{O} \%$ MONTH\%_ACTIVE_ALL.ID $=" "$
EXPORT FIELDS \%MONTH\% HEADER.Employee_ID Terminated_Users.Name Terminated_Users.Term_Date Term Days Count Not Āctive or Term. Name Not Active or Term. Pay Status \%MONTH\%_HEADER.Repor̄t_ID \%M̄NT̄H\%_EX_PURPOSE-Business_Turpose Line_Number Transaction_Date Transac̄ion Amt Merchānt Description \%MONTH\% HEADER. Report Status Payment Type \%MONTH\%_HEADER.Acctg_Date Expense_Type EXCEL TO "C:\ACL Output ${ }^{\text {Exp }}$ Rpt Monitoring $\backslash$ \%MONTH\% UNMATCHED ACTIVE EMP.XLS"

COMMENT Perform 1A query looking for Cash Reimbursements. Use related \%MONTH\% LINE and filter for: PAYMENT_TYPE = 'CSH' and EXPENSE_TYPE <> 'MILEAGE' and EXPENSE_TYPE <> 'PARKIN̄G'and TestA_Filter = F.

OPEN ㅇMONTH\% LINE
SET FILTER TO \%MONTH\%_ACTIVE_ALL.ID <> " " AND Payment_Type = 'CSH' AND Expense_Type <> 'MILEAGE' AND Expense Type <> 'PARKING' AND TestA_Filter = F
EXPORT FIELDS \%MONTH\% HEADER.Employee ID \%MONTH\% ACTIVE ALL.Name \%MONTH\% ACTIVE_ALL.Job_Title \%MONTH\%_ACTIVE_ALL.DēptID \%MONTH\%_ACTIVE_ALL.Dēpartment \%MONTH\%_ACTIVE_ALL.Co \%MONTH\%-HEADER.Report ID \%MONTH\% EX PURPOSE. Business Purpose Line Number Transaction_Date
 $\%$ MONTH\%_HEADER.Acctg_Date Expense_Type EXCEL TO "C: $\backslash A C L$ Output ${ }^{-} \operatorname{Exp}$ Rpt Monitoring $\backslash \% M O N T H \%$ 1A Cash Reīmbursements"

COMMENT Query 1B: Expenses submitted multiple times. Take the 3 -month related data and review transactions for duplications for same employee and amount. Sort data on employee ID, transaction amount, and transaction date. Export to excel.

OPEN \%MONTH\%_3_MONTH_LINE
SET FILTER TO $\bar{\circ}$ MONTHㅎ﹎ACTIVE_ALL.ID <> " "
DUPLICATES ON \%MONTH\%-ACTIVE ALL.ID Transaction Amt OTHER \%MONTH\% ACTIVE ALL.ID
\%MONTH\% ACTIVE ALL.Name \%MONTH\% ACTIVE ALL. Job Title \%MONTH\% ACTIVE ALL. Department
\%MONTH\%-ACTIVE_ALL.CO Report_ID \%MONTH\%_EX_PURP̄OSE.Business_Purpose Line_Number
Transaction_Date Transaction_Amt Merchant Description \%MONTH\%_3_MONTH_HEADER.Report_Status
Payment Type $\% M O N T H \%$ 3 MONTH_HEADER.Acctg_Date Expense_Type PRES̄ORT O $\overline{\mathrm{P}} E \mathrm{~N}$ TO "B1 Multiple
Submissions.FIL"
OPEN "B1 Multiple Submissions"
SORT ON ID Transaction_Amt Transaction_Date TO "B1 Sorted" OPEN
COMMENT Analysis should exclude duplicates that are both Mastercard charges (wallet functionality would not allow multiple expenses). Filter all MC charges from B1 sorted and search for duplicates on ID and Transaction Amt.

OPEN B1 Sorted
SET FILTER TO Payment_Type = "MC"
DUPLICATES ON ID Transaction_Amt OTHER ID Name Job_Title Department Co Report_ID Business Purpose Line_Number Transaction_Date Transaction_Amt Merchant Description Report_Status Payment_Type Acct $\bar{g}$ Date Expense Type ${ }^{-}$PRESORT OPEN TO "Duplicate MC Charges.FIL"
OPEN "Duplicate_MC_Charges"
COMMENT Open B1_Sorted and filter for MC charges.
for unmatched records on ID and Transaction Amt.
that are tied to a CSH transaction.
OPEN B1 Sorted
SET FILTER TO Payment_Type = "MC"
OPEN Duplicate_MC_Charges SECONDARY
JOIN PKEY ID Transaction_Amt FIELDS ID Transaction_Amt Name Job_Title Department Co Report_ID
Business_Purpose Line_Number Transaction_Date Merchant Descrip $\overline{\mathrm{t}}$ ion Report_Status Payment $\overline{\mathrm{T}} y \mathrm{p}$ e Acctg_Date Expense_Type SKEY ID Transaction_Amt UNMATCHED TO "Unmatched MC Dups" OREN PRESORT SECSORT
OPEN "Unmatched_MC_Dups"
COMMENT Filter B1_Sorted for CSH charges and extract to a separate table. This allows for the merging of the $C \bar{S} H$ only transactions to the stand alone MC charges.

OPEN B1 Sorted
SET FILTER TO Payment Type $=$ "CSH"
EXTRACT RECORD TO "B1-CSH Only" OPEN
OPEN "B1_CSH_Only"
COMMENT Merge CSH only with stand alone MC charges.
OPEN B1_CSH_Only
OPEN Unmatched_MC_Dups SECONDARY
MERGE PKEY ID SKEY ID TO "B1 Final" OPEN PRESORT
OPEN "B1_Final"
COMMENT Run a duplicate search on the final file to catch any stray CSH charges that may have been randomly associated to multiple MC charges. Export to excel.

OPEN "B1 Final"
DUPLICATES ON ID Transaction Amt OTHER Transaction Date Transaction Amt Report Status Report ID
Payment_Type Name Merchant Line Number Job Title ID Expense Type Description Business_Purpose
Department Co Acctg_Date PRESORT OPEN TO " $\bar{B} 1$ Final Dups.fil"
OPEN "B1_Final_Dups"
OPEN B1 Final_Dups
EXPORT $\bar{F}$ IELDS ${ }^{-}$ID Name Job_Title Department Co Report_ID Business_Purpose Line_Number
Transaction Date Transaction Amt Merchant Description Report Stātus Payment T̄ppe Acctg_Date Expense_Type EXCEI TO "C:\AC氠 Output $\backslash \operatorname{Exp}$ Rpt Monitoring $\backslash \% M O N \bar{T} H \%$ 1B Exp submītted multiple times.xİS"

COMMENT Query 1C: Airfare. Using \%MONTH\%_LINE, filter for EXPENSE_TYPE = 'Airfare' and sort on Transaction Amt

OPEN \%MONTH\% LINE
SET FILTER TŌ \%MONTH\%_ACTIVE_ALL.ID <> " " AND Expense_Type = 'AIRFARE' AND Transaction_Amt > 950 SORT ON Transaction Amt TO " $\overline{\mathrm{C}} 1$ Sorted" OPEN
OPEN "C1_Sorted"

EXPORT FIELDS \%MONTH\%_ACTIVE_ALL.ID \%MONTH\%_ACTIVE_ALL.Name \%MONTH\%_ACTIVE_ALL.Job_Title
\%MONTH\%_ACTIVE_ALL.Department \%MONTH\%_ACTIVE_ALL. $\overline{\mathrm{C}} \mathrm{O} \% \mathrm{MONTH} \%$ HEADER.Report ID
\%MONTH\%-EX_PURPOSE.Business_Purpose Līne_Number Transaction_Date Transaction_Amt Merchant Descrip $\bar{t} i o \bar{n} \% M O N T H \%$ HEADER. $\bar{R}$ eport Status Payment_Type \%MONTH$\%$ HEADER.Acctg_Däte Expense_Type EXCEL TO "C: \ACL Output $\backslash$ Exp Rpt Mōnitoring $\ \% M O N T \bar{H} \%$ IC Airfare. XLS "

COMMENT Use the Spouse Search conditional field to detect spouses in the attendee table. Create a table of all detected rows.

OPEN \%MONTH\% ATTENDEES
EXTRACT RECO $\bar{R} D$ IF Spouse Search $=T$ TO "\%MONTH\% ATTENDEE SPOUSE" OPEN
OPEN "\%MONTH\%_ATTENDEE_SPDOUSE"
COMMENT Query 1F: Spouse Charges -- Take the filtered Attendee table and join with \%MONTH\%_LINE with a many-to-many join (Report ID and Line Number as primary keys). Export results.

OPEN \%MONTH\%_LINE
OPEN \%MONTH\%-ATTENDEE_SPOUSE SECONDARY
JOIN PKEY Report ID Line_Number FIELDS \%MONTH\%_HEADER.Acctg_Date
\%MONTH\%_EX_PURPOSE.Busin̄ess_Purpose \%MONTH\%_A $\bar{C} T I V E$ ALL.Name $\% M O N T H \%$ ACTIVE_ALL.Co
\%MONTH\%-ACTIVE_ALL. Department Description ${ }^{\circ} \overline{M O N T H \%}$ HEADER.Employee_ID Expense_Type
\%MONTH:-ACTIVE ALL. Job Title Line Number Merchant Payment Type Report_ID
○MONTH\%_HEADER.Report_S̄tatus Transaction_Amt Transaction_Date SKEY Report_ID Line_ WITH Name
Title Sp̄ouse_Search TO "\%MONTH\% LINE SPOŪSE" OPEN PRESORT MANY SECSORT
EXPORT FIELDS Employee_ID Name Job_Title Department Co Name2 Title Business_Purpose Line_Number
Transaction_Date Transaction_Amt Merchant Description Report_Status Payment Type Acctg_Date

COMMENT Query 1F: Error/Personal Charges. Utilize 'Error' conditional field created in
'Exp_Rpt_Monitoring' script to capture 'error' and 'personal' in the \%MONTH\%_LINE
'Description' field
OPEN ஃMONTH\% LINE
EXTRACT RECORD IF Error $=\mathrm{T}$ TO "F1 Error Search" OPEN
OPEN "F1 Error Search"
SET FILTER TO $\bar{\circ}$ MONTH\%_ACTIVE_ALL.ID <> " "
EXPORT FIELDS \%MONTH\%-ACTIVE_ALL.ID \%MONTH\%_ACTIVE_ALL.Name \%MONTH\%_ACTIVE_ALL.Job_Title $\%$ MONTH\% ACTIVE ALL. Départmeñt \%MONTH\% ACTIVE_ALL. $\bar{C} O$ Report ID




COMMENT Query 1H: Split Transactions (same merchant and date). Using table \%MONTH\%_LINE, search for duplicates on Merchant and Transaction_Date.

OPEN \%MONTH\% LINE
SET FILTER T $\bar{O}$ \%MONTH\%_ACTIVE_ALL.ID <> " " AND Payment Type <> "CSH"
DUPLICATES ON Merchant Transaction Date OTHER \%MONTH\% ACTIVE ALL.ID \%MONTH\%_ACTIVE_ALI. Name

\%MONTH\%-HEADER.Report_ID \%MONTH\% EX_PURPOSE.Business_Purpose Line_Number Transaction_Date

\%MONTH\%_HEADER.Acctg_Date Expense_Type PRESORT OPEN TO "H1-Split Transactions_v2.FIL"
OPEN "H1-Split Transactions_v2"
EXPORT FIELDS $\bar{I} D$ Name Job_Title Department Co Report_ID Business_Purpose Line_Number
Transaction_Date Transac̄̄ion_Amt Merchant Descriptiōn Report_Stātus Payment Type Acctg_Date Expense_Type EXCEL TO "C: \ACL Output $\backslash$ Exp Rpt Monitoring \omONTH\% 1H Split
Transactions_merch_date. XLS"
COMMENT 1I: Gas Charges. Use table $\%$ MONTH\% LINE and filter for EXPENSE TYPE = 'GAS' or 'FLTFUEL'
OPEN ஃMONTH\% LINE
SET FILTER TŌ \%MONTH\%_ACTIVE_ALL.ID <> " "
EXTRACT RECORD IF Expēse_Type = 'GAS' OR Expense_Type = 'FLTFUEL' TO "Il Gas Charges" OPEN OPEN "I1 Gas Charges"
 \%MONTH\%_ACTIVE_ALL.Dēpartment \%MONTH흐﹎ACTIVE_AL̄̄.CO \%MŌNTH\%_HEADER.Repor̄t_ID
\%MONTH:-EX_PURPOSE.Business_Purpose Line_Numb̄er Transaction_Date Transaction_Amt Merchant
Description \%MONTH\%_HEADER. Report_Status Payment_Type \%MONTH\%_HEADER.Acctg_Date Expense_Type
EXCEL TO "C:\ACL Output $\backslash$ Exp Rpt Monitoring $\$ \%MONTH\% II Gas Charges"
COMMENT Query 1J: Non-business day purchases. Uses the 'Transaction_Dow' and 'Holiday' conditional

OPEN \%MONTH\% LINE
SET FILTER TO $\%$ MONTH\%_ACTIVE_ALL.ID <> " "
EXTRACT RECORD IF Trañaction_DOW = 'Saturday' OR Transaction_DOW = 'Sunday' OR Holiday <> 'N/A'TO
"J1_Filter"
OPEN""J1 Filter"
EXPORT FIELDS \%MONTH\%_HEADER.Employee_ID \%MONTH\%_ACTIVE_ALL.Name \%MONTH\%_ACTIVE_ALL.JOb_Title
\%MONTH\%_ACTIVE_ALL.Dēpartment \%MONTH흐﹎ACTIVE_ALI.Co \%MONTH\%_HEADER.Report_ID
\%MONTH\%-EX_PURPOSE.Business_Purpose Line_Number Transaction_Date Transaction_DOW Holiday
Transac̄ion_Amt Merchant Des̄cription \%MON̄TH\%_HEADER.Report_̄̄tatus Payment_Type
\%MONTH\% HEADER.Acctg Date Expense_Type EXCEL TO "C: \ACL Output $\backslash E x p$ Rpt Monitoring $\backslash \% M O N T H \% ~ 1 J ~$
Non-Business Day Purchase.XLS"
COMMENT Query 1K: Gift Card. Utilize 'Gift Card' conditional field to detect string 'gift card' in the 'Description' field of $\%$ MONTH\%_LINE.

OPEN \%MONTH\% LINE
SET FILTER TŌ \%MONTH\% ACTIVE ALL.ID <> " "
EXTRACT RECORD IF Gift_Card = T TO "K1 Gift Card Transactions" OPEN
OPEN "K1 Gift_Card_Trañsactions"
EXPORT FIELDS ${ }^{-} \% M O N T H \%$ HEADER.Employee_ID \%MONTH\%_ACTIVE_ALL.Name \%MONTH\%_ACTIVE_ALL.Job_Title \%MONTH\%_ACTIVE_ALL.Dēpartment \%MONTH $\bar{\circ}$ ACTIVE_ALE $\bar{L} . C O \% M O \overline{N T H \%}$ HEADER.Repor̄t_ID
 Description \%MONTH\%_HEADER. Report_Status Payment Type \%MONTF̄\%_HEADER.Acctg_Däte Expense_Type EXCEL TO "C: \ACL Output \Exp Rpt Monitoring<br>%MONTH\% IK Gift Cards.XLS"

COMMENT Query 1G: No Receipts. Join the Missing Receipts report to \%MONTH\%_ACTIVE_ALL to obtain job information on records without receipts

OPEN \%MONTH\%_Missing_Receipts
OPEN \%MONTH\%-ACTIVE_ALL SECONDARY
JOIN PKEY EmplID FIELDS Creation_Date Due_Employee Emplid Name Report ID Tot_Vnd_Credits
Total Amount Total_Due Vend SKE $\bar{Y}$ ID WITH Co Department Job_Title TO $\overline{\%}$ MONTH $\bar{\circ}$ MI $\bar{S} S I N G$ RECEIPT
W DATĀ" OPEN PRESORT SECSORT
OPEN "\%MONTH\% MISSING RECEIPT W DATA"
EXPORT FIELDS Emplid Name Job_Tītle Department Co Report_ID Creation_Date Due_Employee
Total_Due_Vend Tot_Vnd_Credī̄s Total_Amount XLS21 TO "C
Monitōring $\backslash ஃ M O N T H \circ{ }^{-} 1 \mathrm{G}$ No Receipt"
COMMENT Call script 'Clean_up' to erase all data tables
DO Clean_up
*This thread dēletes all testing files and sets the safety parameter on.
COMMENT Clean-up data files and set safety parameter to 'On'
DELETE FORMAT B1 Multiple Submissions OK
DELETE FORMAT B1-Sorted OK
DELETE FORMAT C1 sorted OK
DELETE FORMAT F1 Error Search OK
DEIETE FORMAT \%MONTH\% LINE SPOUSE OK
DEEETE FORMAT \%MONTH\% MISSING RECEIPT W DATA OK
DELETE FORMAT H1_Split Transac̄tions OK
DELETE FORMAT I1-Gas Charges OK
DELETE FORMAT J1-FilEer OK
DELETE FORMAT K1 Gift Card Transactions OK
DELETE FORMAT \%MONTH\%-ATTENDEE SPOUSE OK
DELETE FORMAT \%MONTH\% 3 MONTH HEADER OK
DELETE FORMAT $\% M O N T H \%-3$ MONTH_LINE OK
DELETE FORMAT \%MONTH\% $A \bar{C} T I V E ~ \bar{A} L L ~ O K ~$
DELETE FORMAT \%MONTH\%-ATTENDEES OK
DELETE FORMAT \%MONTH\% EX PURPOSE OK
DELETE FORMAT \%MONTH:-HEĀDER OK
DELETE FORMAT \%MONTH\%-LINE OK
DELETE FORMAT \%MONTH\%-Missing_Receipts OK
DELETE FORMAT B1_CSH O$n l y ~ O K ~$
DELETE FORMAT B1-Fināl OK
DELETE FORMAT B1_Final_Dups OK
DELETE FORMAT Dup̄licate MC Charges OK
DELETE FORMAT Unmatched_MC_Dups OK
DELETE FORMAT H1_Split_Trañsactions_v2 OK
DELETE FORMAT Tē̄minatēd_Users OK
DELETE FORMAT Not_Active_or_Term OK
SET SAFETY ON

