Sub CreditCard()

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' CreditCard Macro

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'On Error GoTo Terminate

Sheets("Data").Select

Dim r1 As Long

r1 = Range("M" & Rows.Count).End(xlUp).Row

ActiveSheet.Range("B1:N" & r1).AutoFilter Field:=2, Criteria1:="4"

Range("B1:N" & r1).Select

Selection.Copy

ThisWorkbook.Sheets.Add(After:=ThisWorkbook.Worksheets("Data")).Name = "CC\_data"

Sheets("CC\_data").Select

Range("A1").Select

ActiveSheet.Paste

'Create Pivot Table

Dim PvtTbl As PivotTable

Dim wsData As Worksheet

Dim PvtTblCache As PivotCache

Dim wsPvtTbl As Worksheet

Dim pvtFld As PivotField

Set wsData = Worksheets("CC\_data")

Set wsPvtTbl = ThisWorkbook.Sheets.Add(After:=ThisWorkbook.Worksheets("CC\_data"))

wsPvtTbl.Name = "Credit\_Card"

For Each PvtTbl In wsPvtTbl.PivotTables

If MsgBox("Delete existing PivotTable!", vbYesNo) = vbYes Then

PvtTbl.TableRange2.Clear

End If

Next PvtTbl

ActiveWorkbook.PivotCaches.Create(SourceType:=xlDatabase, SourceData:="CC\_data!R1C1:R1048576C13", Version:=xlPivotTableVersion12).CreatePivotTable \_

TableDestination:=wsPvtTbl.Range("A1"), TableName:="PivotTable1", Defaultversion:=xlPivotTableVersion12

Set PvtTbl = wsPvtTbl.PivotTables("PivotTable1")

PvtTbl.ManualUpdate = True

Set pvtFld = PvtTbl.PivotFields("account\_id")

pvtFld.Orientation = xlRowField

pvtFld.Position = 1

Set pvtFld = PvtTbl.PivotFields("month")

pvtFld.Orientation = xlColumnField

With PvtTbl.PivotFields("amount")

.Orientation = xlDataField

.Function = xlSum

.NumberFormat = "$#,##0"

.Position = 1

End With

On Error Resume Next

With ActiveSheet.PivotTables("PivotTable1").PivotFields("month")

.PivotItems("").Visible = False

End With

On Error Resume Next

With ActiveSheet.PivotTables("PivotTable1").PivotFields("month")

.PivotItems("(blank)").Visible = False

End With

On Error Resume Next

With ActiveSheet.PivotTables("PivotTable1").PivotFields("account\_id")

.PivotItems("(blank)").Visible = False

End With

On Error Resume Next

With ActiveSheet.PivotTables("PivotTable1").PivotFields("account\_id")

.PivotItems("").Visible = False

End With

PvtTbl.ManualUpdate = False

Sheets("CC\_data").Select

Dim r2 As Long

r2 = Range("A" & Rows.Count).End(xlUp).Row

Range("N1").Select

ActiveCell.FormulaR1C1 = "Interest Charged"

Range("N2").Select

ActiveCell.FormulaR1C1 = "=IF(OR(RC[-10]=26,RC[-10]=27),RC[-11],"""")"

Range("N2").Select

Selection.AutoFill Destination:=Range("N2:N" & r2)

Application.CutCopyMode = False

Columns("A:A").Select

Selection.Copy

Columns("O:O").Select

Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, SkipBlanks:=False, Transpose:=False

Application.CutCopyMode = False

Dim PvtTbl2 As PivotTable

Dim wsData2 As Worksheet

Dim PvtTblCache2 As PivotCache

Dim wsPvtTbl2 As Worksheet

Dim pvtFld2 As PivotField

Set wsData2 = Worksheets("CC\_data")

Set wsPvtTbl2 = ThisWorkbook.Sheets.Add(After:=ThisWorkbook.Worksheets("CC\_data"))

wsPvtTbl2.Name = "Credit\_Card\_Interest"

For Each PvtTbl2 In wsPvtTbl2.PivotTables

If MsgBox("Delete existing PivotTable!", vbYesNo) = vbYes Then

PvtTbl2.TableRange2.Clear

End If

Next PvtTbl2

ActiveWorkbook.PivotCaches.Create(SourceType:=xlDatabase, SourceData:="CC\_data!R1C12:R1048576C15", Version:=xlPivotTableVersion12).CreatePivotTable \_

TableDestination:=wsPvtTbl2.Range("A1"), TableName:="PivotTable1", Defaultversion:=xlPivotTableVersion12

Set PvtTbl2 = wsPvtTbl2.PivotTables("PivotTable1")

PvtTb2.ManualUpdate = True

Set pvtFld2 = PvtTbl2.PivotFields("account\_id")

pvtFld2.Orientation = xlRowField

pvtFld2.Position = 1

Set pvtFld2 = PvtTbl2.PivotFields("month")

pvtFld2.Orientation = xlColumnField

With PvtTbl2.PivotFields("Interest Charged")

.Orientation = xlDataField

.Function = xlSum

.NumberFormat = "$#,##0"

.Position = 1

End With

On Error Resume Next

With ActiveSheet.PivotTables("PivotTable1").PivotFields("month")

.PivotItems("").Visible = False

End With

On Error Resume Next

With ActiveSheet.PivotTables("PivotTable1").PivotFields("month")

.PivotItems("(blank)").Visible = False

End With

On Error Resume Next

With ActiveSheet.PivotTables("PivotTable1").PivotFields("account\_id")

.PivotItems("(blank)").Visible = False

End With

On Error Resume Next

With ActiveSheet.PivotTables("PivotTable1").PivotFields("account\_id")

.PivotItems("").Visible = False

End With

PvtTbl.ManualUpdate = False

Sheets("Credit\_Card").Select

Dim r3 As Long

Dim r4 As Long

r4 = Cells(Rows.Count, "A").End(xlUp).Row

r3 = Cells(r4, Columns.Count).End(xlToLeft).Column

Range("Q2").Select

ActiveCell.FormulaR1C1 = "No. CC"

Range("Q3").Select

ActiveCell.FormulaR1C1 = "No. Months"

Range("R2").Select

ActiveCell.FormulaR1C1 = "=COUNTA(C[-17])-3"

Range("R2").Select

Selection.Copy

Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, \_

SkipBlanks:=False, Transpose:=False

Range("R3").Select

ActiveCell.FormulaR1C1 = "=COUNTA(R[-1]C[-17]:R[-1]C[-2])-2"

Range("Q4").Select

ActiveCell.FormulaR1C1 = "CC Paydown"

Cells(r4, r3).Select

Selection.Copy

Range("R4").Select

Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, \_

SkipBlanks:=False, Transpose:=False

Selection.NumberFormat = "$#,##0\_);[Red]($#,##0)"

'Selection.Style = "Currency"

Selection.Copy

Sheets("Command").Select

Range("C7").Select

Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, \_

SkipBlanks:=False, Transpose:=False

Selection.NumberFormat = "$#,##0\_);[Red]($#,##0)"

Selection.Font.Size = 20

Application.CutCopyMode = False

Sheets("Credit\_Card").Select

Range("R2").Select

Selection.Copy

Sheets("Command").Select

Range("C9").Select

Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, \_

SkipBlanks:=False, Transpose:=False

Selection.Font.Size = 20

Application.CutCopyMode = False

Sheets("Credit\_Card").Select

Range("R3").Select

Selection.Copy

Sheets("Command").Select

Range("C10").Select

Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, \_

SkipBlanks:=False, Transpose:=False

Selection.Font.Size = 20

Application.CutCopyMode = False

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Sheets("Credit\_Card").Select

Cells(r4 + 1, r3).Select

ActiveCell.Formula = "=Command!C14"

Range("B" & r4 + 1).Select

ActiveCell.FormulaR1C1 = "=RC[+1]-R[-1]C"

For i = 2 To r3 - 1

Cells(r4 + 1, i).FormulaR1C1 = "=RC[+1]-R[-1]C"

Next i

Columns("B:M").EntireColumn.AutoFit

Cells(r4 + 1, 1).Select

ActiveCell.Formula = "Balance"

Dim r5 As Long

Dim r6 As Long

Sheets("Credit\_Card\_Interest").Select

r5 = Cells(Rows.Count, "A").End(xlUp).Row

r6 = Cells(r5, Columns.Count).End(xlToLeft).Column

Rows(r5).Select

Selection.Copy

Sheets("Credit\_Card").Select

Rows(r4 + 2).Select

Selection.PasteSpecial Paste:=xlPasteValues, Operation:=xlNone, \_

SkipBlanks:=False, Transpose:=False

Cells(r4 + 3, 1).Select

ActiveCell.Formula = "Interest Rate"

For i = 2 To r3 - 1

Cells(r4 + 3, i).FormulaR1C1 = "=R[-1]C\*12/R[-2]C"

Cells(r4 + 3, r3) = Cells(r4 + 3, i) + Cells(r4 + 3, r3)

Next i

Cells(r4 + 4, r3) = Cells(r4 + 3, r3) / (Range("R3") - 1)

Sheets("Command").Select

Cells(11, 3) = Sheets("Credit\_Card").Cells(r4 + 4, r3)

Range("C11").Select

Selection.Style = "Percent"

Selection.NumberFormat = "0.00%"

Cells(8, 3) = Sheets("Credit\_Card\_Interest").Cells(r5, r6)

'Exit Sub

'Terminate:

'MsgBox ("No credit card or credit card not linked!")

'End

End Sub