Dim LastRow As Long

Dim CCell As String

Dim NCell As String

Dim Column As Integer

Dim Total As Double

Dim GrandTotal As Double

Dim GreatDecrease As Double

Dim GreateIncrease As Double

Dim OpeningValue As Double

Dim ClosingValue As Double

Dim TCounter As Integer

Dim PercentageDifference As Double

Dim WorksheetCount As Integer

Dim i As Long

Dim j As Long

Sub StockDataFunction()

WorksheetCount = ActiveWorkbook.Worksheets.Count

For j = 1 To WorksheetCount

LastRow = Cells(Rows.Count, 1).End(xlUp).Row

OpeningValue = 0

Total = 0

TCounter = 2

GrandTotal = 0

GreateIncrease = 0

GreatDecrease = 0

PercentageDifference = 0

For i = 2 To LastRow

CCell = ActiveWorkbook.Worksheets(j).Cells(i, 1).Value

NCell = ActiveWorkbook.Worksheets(j).Cells(i + 1, 1).Value

If OpeningValue = 0 Then

OpeningValue = ActiveWorkbook.Worksheets(j).Range("C" & i)

End If

If NCell <> CCell Then

ActiveWorkbook.Worksheets(j).Range("I" & TCounter) = CCell

Total = Total + ActiveWorkbook.Worksheets(j).Cells(i, 7).Value

ActiveWorkbook.Worksheets(j).Range("J" & TCounter) = Total

ActiveWorkbook.Worksheets(j).Range("M" & TCounter) = OpeningValue

ClosingValue = ActiveWorkbook.Worksheets(j).Range("F" & i).Value

ActiveWorkbook.Worksheets(j).Range("N" & TCounter) = ClosingValue

ActiveWorkbook.Worksheets(j).Range("L" & TCounter) = ClosingValue - OpeningValue

'Coloring

If ActiveWorkbook.Worksheets(j).Range("L" & TCounter).Value >= 0 Then

ActiveWorkbook.Worksheets(j).Range("L" & TCounter).Interior.ColorIndex = 4

Else

ActiveWorkbook.Worksheets(j).Range("L" & TCounter).Interior.ColorIndex = 3

End If

If OpeningValue <> 0 Then

PercentageDifference = ((ClosingValue - OpeningValue) / OpeningValue) \* 100

End If

ActiveWorkbook.Worksheets(j).Range("K" & TCounter) = Str(Round(PercentageDifference, 2)) + "%"

If GreatDecrease = 0 Then

GreatDecrease = PercentageDifference

GreatDecreaseTicker = CCell

ElseIf PercentageDifference < GreatDecrease Then

GreatDecrease = PercentageDifference

GreatDecreaseTicker = CCell

End If

If GreateIncrease = 0 Then

GreateIncrease = PercentageDifference

reatIncreaseTicker = CCell

ElseIf PercentageDifference > GreateIncrease Then

GreateIncrease = PercentageDifference

reatIncreaseTicker = CCell

End If

If GrandTotal = 0 Then

GrandTotal = Total

GreatTotalTicker = CCell

ElseIf Total > GrandTotal Then

GrandTotal = Total

GreatTotalTicker = CCell

End If

TCounter = TCounter + 1

Total = 0

OpeningValue = 0

PercentageDifference = 0

Else

Total = Total + ActiveWorkbook.Worksheets(j).Cells(i, 7).Value

End If

Next i

ActiveWorkbook.Worksheets(j).Range("Q2").Value = GreatIncreaseTicker

ActiveWorkbook.Worksheets(j).Range("Q3").Value = GreatDecreaseTicker

ActiveWorkbook.Worksheets(j).Range("Q4").Value = GreatTotalTicker

ActiveWorkbook.Worksheets(j).Range("R2").Value = GreateIncrease

ActiveWorkbook.Worksheets(j).Range("R3").Value = GreatDecrease

ActiveWorkbook.Worksheets(j).Range("R4").Value = GrandTotal

Next j

End Sub