Sub Stock\_Summary()

' Loop through all worksheets

For Each ws In ThisWorkbook.Worksheets

ws.Activate

' Define variables

Dim Ticker As String

Dim LastRow As Long

Dim Opened As Double

Dim Closed As Double

Dim YearlyChange As Double

Dim PercentChange As Double

Dim TotalVol As Double

Dim MaxIncrease As Double

Dim MaxDecrease As Double

Dim MaxVol As Double

Dim LastTickerRow As Long

Dim SumRow As Long

' Initialize variables

Opened = Cells(2, 3).Value

TotalVol = 0

SumRow = 2

' Find the last row with data in column A

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

' Loop through the rows of data

For i = 2 To LastRow

Ticker = Cells(i, 1).Value

TotalVol = TotalVol + Cells(i, 7).Value

' Check if the Ticker symbol has changed

If Ticker <> Cells(i + 1, 1).Value Then

Closed = Cells(i, 6).Value

' Calculate YearlyChange and PercentChange

YearlyChange = Closed - Opened

If Opened <> 0 Then

PercentChange = (Closed - Opened) / Opened

Else

PercentChange = 0

End If

' Output the results in the summary table

ws.Cells(SumRow, 9).Value = Ticker

ws.Cells(SumRow, 10).Value = YearlyChange

ws.Cells(SumRow, 11).Value = PercentChange

ws.Cells(SumRow, 12).Value = TotalVol

' Conditional formatting

If YearlyChange < 0 Then

ws.Cells(SumRow, 10).Interior.Color = RGB(255, 0, 0) ' Red

ElseIf YearlyChange > 0 Then

ws.Cells(SumRow, 10).Interior.Color = RGB(0, 255, 0) ' Green

End If

' Update SummaryRow and reset variables for the next ticker

SumRow = SumRow + 1

Opened = Cells(i + 1, 3).Value

TotalVol = 0

End If

Next i

' Find the last row in the summary table

LastTickerRow = Cells(Rows.Count, 9).End(xlUp).Row

' Find the stock with the Greatest % Increase, Greatest % Decrease, and Greatest Total Volume

For j = 2 To LastTickerRow

If Cells(j, 11).Value > MaxIncrease Then

MaxIncrease = Cells(j, 11).Value

ws.Cells(2, 15).Value = Cells(j, 9).Value

ws.Cells(2, 16).Value = MaxIncrease

End If

If Cells(j, 11).Value < MaxDecrease Then

MaxDecrease = Cells(j, 11).Value

ws.Cells(3, 15).Value = Cells(j, 9).Value

ws.Cells(3, 16).Value = MaxDecrease

End If

If Cells(j, 12).Value > MaxVol Then

MaxVol = Cells(j, 12).Value

ws.Cells(4, 15).Value = Cells(j, 9).Value

ws.Cells(4, 16).Value = MaxVol

End If

Next j

Next ws

End Sub

