Sub StockAssignment()

'variables extracted data

Dim Ticker As String

Dim OpenP As Single

Dim CloseP As Single

Dim TotalSV As LongLong

'variables calculated from data

Dim YearlyChange As Single

Dim PercentChange As Single

'titles for output tracking

Cells(1, 9) = "Ticker"

Cells(1, 10) = "Yearly Change"

Cells(1, 11) = "Percent Change"

Cells(1, 12) = "Total Stock Volume"

'variable to keep track of row for output

Dim Count As Long

Count = 2

' set value for starting variables

OpenP = 0

TotalSV = 0

'last row tracker variables

Dim LastRow As Long

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

'loop through all rows

Dim i As Long

For i = 2 To LastRow

'Set name for ticker

Ticker = Cells(i, 1)

'statement to see if next row ticker is NOT the same as current

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

'set value for ending Variables

CloseP = Cells(i, 6).Value

'calculate values for ending variables

YearlyChange = (CloseP - OpenP)

PercentChange = ((CloseP - OpenP) / OpenP)

'input desired data into sumary boxes

Cells(Count, 9).Value = Ticker

Cells(Count, 10).Value = YearlyChange

Cells(Count, 11).Value = PercentChange

'Change PercentChange Cell into percent formatting

Cells(Count, 11) = Format(Cells(Count, 11).Value, "0.00%")

'Color cells

If PercentChange > 0 Then

Cells(Count, 11).Interior.ColorIndex = 3

ElseIf PercentChange < 0 Then

Cells(Count, 11).Interior.ColorIndex = 4

End If

Cells(Count, 12).Value = TotalSV

'move down next row

Count = (Count + 1)

'Reset Starting Variables to 0

OpenP = 0

TotalSV = 0

'statement to see if next row ticker is the same as current

ElseIf Cells(i, 1).Value = Cells(i + 1, 1).Value Then

'reset value for next variable on next stock

If OpenP = 0 Then

OpenP = Cells(i, 3)

End If

If TotalSV = 0 Then

TotalSV = Cells(i, 7)

End If

'adding up totalSV over time

TotalSV = TotalSV + Cells(i + 1, 7).Value

End If

Next i

End Sub