Sub Multiple\_year\_stock\_data\_corrected()

Dim wb As Workbook

Dim ws As Worksheet

Dim LastRow As Long

Dim Total\_Stock\_Volume As Double

Dim Open\_Price As Double

Dim Close\_Price As Double

Dim Quarterly\_Change As Double

Dim Percent\_Change As Double

Dim Summary\_Table\_Row As Long

Dim Summary\_Table\_Last\_Row As Long

Set wb = ThisWorkbook

For Each ws In wb.Worksheets

' Reset variables for each sheet

Total\_Stock\_Volume = 0

Summary\_Table\_Row = 2

' Set headers for summary table

ws.Cells(1, 9).Value = "Ticker"

ws.Cells(1, 12).Value = "Total Stock Volume"

ws.Cells(1, 10).Value = "Quarterly Change"

ws.Cells(1, 11).Value = "Percent Change"

' Determine the last Row

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

For i = 2 To LastRow

' check for same ticker symbol

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

Ticker = ws.Cells(i, 1).Value

'Accumulate total stock volume

Total\_Stock\_Volume = Total\_Stock\_Volume + ws.Cells(i, 7).Value

ws.Range("I" & Summary\_Table\_Row).Value = Ticker

ws.Range("L" & Summary\_Table\_Row).Value = Total\_Stock\_Volume

' calculate and print quarterly change

Close\_Price = ws.Cells(i, 6).Value

Quarterly\_Change = Close\_Price - Open\_Price

If Open\_Price = 0 Then

Percent\_Change = 0

' calculate and print percent change

Else

Percent\_Change = (Quarterly\_Change / Open\_Price)

End If

ws.Range("J" & Summary\_Table\_Row).Value = Quarterly\_Change

ws.Range("K" & Summary\_Table\_Row).Value = Percent\_Change

ws.Range("K" & Summary\_Table\_Row).NumberFormat = "0.00%"

Summary\_Table\_Row = Summary\_Table\_Row + 1

Total\_Stock\_Volume = 0

Open\_Price = ws.Cells(i + 1, 3).Value

Else

Total\_Stock\_Volume = Total\_Stock\_Volume + ws.Cells(i, 7).Value

End If

Next i

Summary\_Table\_Last\_Row = ws.Cells(Rows.Count, 9).End(xlUp).Row

For i = 2 To Summary\_Table\_Last\_Row

' conditional Formatting

If ws.Cells(i, 10).Value > 0 Then

ws.Cells(i, 10).Interior.ColorIndex = 4

ElseIf ws.Cells(i, 10).Value < 0 Then

ws.Cells(i, 10).Interior.ColorIndex = 3

Else

ws.Cells(i, 10).Interior.ColorIndex = 0

End If

Next i

' Bonus

ws.Cells(2, 14).Value = "Greatest % Increase"

ws.Cells(3, 14).Value = "Greatest % Decrease"

ws.Cells(4, 14).Value = "Greatest total volume"

ws.Cells(1, 15).Value = "Ticker"

ws.Cells(1, 16).Value = "Value"

For i = 2 To Summary\_Table\_Last\_Row

If ws.Cells(i, 11).Value = Application.WorksheetFunction.Max(ws.Range("K2:K" & Summary\_Table\_Last\_Row)) Then

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

ws.Cells(2, 16).Value = ws.Cells(i, 11).Value

ws.Cells(2, 16).NumberFormat = "0.00%"

ElseIf ws.Cells(i, 11).Value = Application.WorksheetFunction.Min(ws.Range("K2:K" & Summary\_Table\_Last\_Row)) Then

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

ws.Cells(3, 16).Value = ws.Cells(i, 11).Value

ws.Cells(3, 16).NumberFormat = "0.00%"

ElseIf ws.Cells(i, 12).Value = Application.WorksheetFunction.Max(ws.Range("L2:L" & Summary\_Table\_Last\_Row)) Then

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

ws.Cells(4, 16).Value = ws.Cells(i, 12).Value

End If

Next i

Next ws

End Sub