Sub Stocks()

' Variables

Dim ws As Worksheet

Dim stock As String

Dim latest As String

Dim amount As Double

Dim final\_amount As Double

Dim k As Long

Dim main\_row As Long

Dim starting\_price As Double

Dim ending\_price As Double

Dim change As Double

Dim percent\_change As Double

Dim max\_price As Double

Dim min\_price As Double

Dim max\_volume As LongLong

Dim max\_price\_stock As String

Dim min\_price\_stock As String

Dim max\_volume\_stock As String

Dim m As Integer

Dim current\_price As Double

Dim current\_volume As LongLong

Dim current\_stock As String

' Loop through each worksheet

For Each ws In ThisWorkbook.Worksheets

' Reset per stock

final\_amount = 0

starting\_price = ws.Cells(2, 3).Value

main\_row = 2

' Process stock data

For k = 2 To 99999

' Extract values from workbook

stock = ws.Cells(k, 1).Value

amount = ws.Cells(k, 7).Value

latest = ws.Cells(k + 1, 1).Value

' If statement

If stock <> latest Then

' Add total

final\_amount = final\_amount + amount

' Stock change

ending\_price = ws.Cells(k, 6).Value

change = ending\_price - starting\_price

percent\_change = change / starting\_price \* 100

' Write to leaderboard

ws.Cells(main\_row, 12).Value = final\_amount

ws.Cells(main\_row, 9).Value = stock

ws.Cells(main\_row, 11).Value = percent\_change

ws.Cells(main\_row, 10).Value = change

' Conditional Formatting

If change > 0 Then

ws.Cells(main\_row, 10).Interior.ColorIndex = 4

ElseIf change < 0 Then

ws.Cells(main\_row, 10).Interior.ColorIndex = 3

End If

' Reset total

final\_amount = 0

main\_row = main\_row + 1

starting\_price = ws.Cells(k + 1, 3).Value

Else

' Add total

final\_amount = final\_amount + amount

End If

Next k

' Initialize variables with the first row's values

max\_price = ws.Cells(2, 11).Value

min\_price = ws.Cells(2, 11).Value

max\_volume = ws.Cells(2, 12).Value

max\_price\_stock = ws.Cells(2, 9).Value

min\_price\_stock = ws.Cells(2, 9).Value

max\_volume\_stock = ws.Cells(2, 9).Value

' Loop through the leaderboard

For m = 2 To main\_row - 1

current\_price = ws.Cells(m, 11).Value

current\_volume = ws.Cells(m, 12).Value

current\_stock = ws.Cells(m, 9).Value

' Check for max price

If current\_price > max\_price Then

max\_price = current\_price

max\_price\_stock = current\_stock

End If

' Check for min price

If current\_price < min\_price Then

min\_price = current\_price

min\_price\_stock = current\_stock

End If

' Check for max volume

If current\_volume > max\_volume Then

max\_volume = current\_volume

max\_volume\_stock = current\_stock

End If

Next m

' Write to Excel sheet

ws.Range("O2").Value = max\_price\_stock

ws.Range("O3").Value = min\_price\_stock

ws.Range("O4").Value = max\_volume\_stock

ws.Range("P2").Value = max\_price

ws.Range("P3").Value = min\_price

ws.Range("P4").Value = max\_volume

Next ws

End Sub