Homework # 2

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Code:

Sub WallStreet():

Dim ws As Worksheet

'Set an initial variable for holding the ticker name

Dim TickerName As String

'Set an initial variable for holding the total stock volume per ticker

Dim VolumeTotal As Double

VolumeTotal = 0

'Define worksheet number

Dim h As Integer

Dim ws\_num As Integer

'Remember which worksheet is active in the beginning

Dim starting\_ws As Worksheet

Set starting\_ws = ActiveSheet

ws\_num = ThisWorkbook.Worksheets.Count

'Define i

Dim i As Long

'Loop through all worksheets

For h = 1 To ws\_num

ThisWorkbook.Worksheets(h).Activate

'Add headers for summaries

Range("I1").Value = "Ticker"

Range("J1").Value = "Total Stock Volume"

'Autofit the new column widths

Columns("I:J").AutoFit

'Define last row number

Dim LastRowNumber As Long

LastRowNumber = ActiveSheet.UsedRange.Rows.Count

'Keep track of the location for each ticker in the summary table

Dim SummaryTableRow As Long

SummaryTableRow = 2

'Loop through all tickers

For i = 2 To LastRowNumber

'Check if we are still within the same ticker, if we are not then...

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

'Set the ticker name

TickerName = Cells(i, 1).Value

'Add to the volume total

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

'Print the ticker name in the Summary Table

Range("I" & SummaryTableRow).Value = TickerName

'Print the Volume Total to the Summary Table

Range("J" & SummaryTableRow).Value = VolumeTotal

'Add one to the Summary Table row

SummaryTableRow = SummaryTableRow + 1

'Reset the Volume Total

VolumeTotal = 0

'If the cell immediately following a row is the same ticker...

Else

'Add to the Volume total

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

End If

Next i

Next h

End Sub