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| --- |
| SubStockAnalysis() |
|  |  |
|  | 'loop through each worksheet |
|  | For Each ws In Worksheets |
|  |  |
|  | 'create variable to hold ticker name |
|  | Dim ticker As String |
|  |  |
|  | 'create a variable to hold volume |
|  | Dim volume As Long |
|  | volume = 0 |
|  |  |
|  | 'create a summary\_table variable |
|  | Dim summary\_table As Integer |
|  | summary\_table = 2 |
|  |  |
|  | 'create lastrow variable to determine lastrow in stock data |
|  | Dim lastrow As Long |
|  | lastrow = ws.Cells(Rows.Count, 1).End(xlUp).Row |
|  |  |
|  | 'loop through stock data |
|  | For i = 2 To lastrow |
|  |  |
|  | 'Name the Summary table headings |
|  | ws.Range("I1").Value = "Ticker Symbol" |
|  |  |
|  | ws.Range("J1").Value = "Total Volume" |
|  |  |
|  |  |
|  | 'check if we are still looping through the same ticker name |
|  | If ws.Cells(i + 1, 1).Value <> ws.Cells(i, 1).Value Then |
|  |  |
|  | 'set ticker name |
|  | ticker = ws.Cells(i, 1).Value |
|  |  |
|  | 'add the volume |
|  | volume = volume + ws.Cells(i, 3).Value |
|  |  |
|  | 'print the ticker name in summary table |
|  | ws.Range("I" & summary\_table).Value = ticker |
|  |  |
|  | 'print the volume in summary table |
|  | ws.Range("J" & summary\_table).Value = volume |
|  |  |
|  | 'move to the next row on the summary table |
|  | summary\_table = summary\_table + 1 |
|  |  |
|  | 'reset the volume |
|  | volume = 0 |
|  |  |
|  | 'if the next cell is the same ticker |
|  | Else |
|  |  |
|  | 'add the volume to the ticker's volume |
|  | volume = volume + ws.Cells(i, 3).Value |
|  |  |
|  | End If |
|  |  |
|  | Next i |
|  |  |
|  |
|  |
|  |
|  |
|  |  |
|  | End Sub |