

Sub stocks_report()

' Names of rows and headers

For Each ws In Worksheets

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

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

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

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

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

ws.Cells(1, 17).Value = "Value"

ws.Cells(2, 15).Value = "Greatest % Increase"

ws.Cells(3, 15).Value = "Greatest % Decrease"

ws.Cells(4, 15).Value = "Greatest Total Volume"

' Ticker symbols, yearly change at beginning to close, percentage change from opening to closing and total stock volume.

Dim ticker_symbol As String

Dim ticker_volume, opening_price, closing_price, yearly_change,
percent_change As Double

Dim ticker_row As Integer

ticker_volume = 0

ticker_row = 2

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

For i = 2 To lastrow

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

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

ticker_volume = ticker_volume + ws.Cells(i, 7).Value

ws.Range("I" & ticker_row).Value = ticker_symbol

ws.Range("L" & ticker_row).Value = ticker_volume

closing_price = ws.Cells(i, 6).Value

yearly_change = (closing_price - opening_price)

ws.Range("J" & ticker_row).Value = yearly_change

If opening_price = 0 Then

percent_change = 0

Else

percent_change = yearly_change / opening_price

End If

ws.Range("K" & ticker_row).Value = percent_change

```
ws.Range("K" & ticker_row).Style = "Percent"
```

```
ticker_row = ticker_row + 1
```

```
ticker_volume = 0
```

```
opening_price = ws.Cells(i + 1, 3)
```

```
Else
```

```
    ticker_volume = ticker_volume + ws.Cells(i, 7).Value
```

```
End If
```

```
Next i
```

```
lastrow_summary_table = Cells(Rows.Count, 9).End(xlUp).Row
```

```
'Conditional formatting
```

```
For i = 2 To lastrow_summary_table
```

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

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

```
    Else
```

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

```
    End If
```

```
Next i
```

```
' Greatest % increase, greatest % decrease and greatest total volume
```

```
Dim increase_ticker, decrease_ticker, total_ticker As String
```

```
Greatest_Increase = ws.Range("K2").Value
```

```
Greatest_Decrease = ws.Range("K2").Value
```

```
Greatest_Total = ws.Range("L2").Value
```

```
Lastrow_Ticker = ws.Cells(Rows.Count, "I").End(xlUp).Row
```

```
For r = 2 To Lastrow_Ticker:
```

```
    If ws.Range("K" & r + 1).Value > Greatest_Increase Then
```

```
        Greatest_Increase = ws.Range("K" & r + 1).Value
```

```
        Greatest_Increase_Ticker = ws.Range("I" & r + 1).Value
```

```
    ElseIf ws.Range("K" & r + 1).Value < Greatest_Decrease Then
```

```
        Greatest_Decrease = ws.Range("K" & r + 1).Value
```

```
        Greatest_Decrease_Ticker = ws.Range("I" & r + 1).Value
```

```
    ElseIf ws.Range("L" & r + 1).Value > Greatest_Total Then
```

```
Greatest_Total = ws.Range("L" & r + 1).Value
Greatest_Total_Ticker = ws.Range("I" & r + 1).Value
End If
Next r
```

```
ws.Range("P2").Value = Greatest_Increase_Ticker
ws.Range("P3").Value = Greatest_Decrease_Ticker
ws.Range("P4").Value = Greatest_Total_Ticker
ws.Range("Q2").Value = Greatest_Increase
ws.Range("Q3").Value = Greatest_Decrease
ws.Range("Q4").Value = Greatest_Total
ws.Range("Q2:Q3").NumberFormat = "0.00%"
```

```
Next ws
```

```
End Sub
```