

```
Sub moderateOption():
```

```
'Set Dimensions
```

```
Dim total As Double
```

```
Dim i As Long
```

```
Dim change As Single
```

```
Dim j As Integer
```

```
Dim start As Long
```

```
Dim rowCount As Long
```

```
Dim percentChange As Single
```

```
'Set title row
```

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

```
Range("J1").Value = "Yearly Change"
```

```
Range("K1").Value = "Percent Change"
```

```
Range("L1").Value = "Total Stock Volume"
```

```
'Set initial values
```

```
j = 0
```

```
total = 0
```

```
change = 0
```

```
start = 2
```

```
'Get the row number of the last row with data
```

```
rowCount = Cells(Rows.Count, "A").End(xlUp).Row
```

```
For i = 2 To rowCount
```

```
    'If ticker changes then print results
```

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

```
        'Stores results in variables
```

```
        total = total + Cells(i, 7).Value
```

```
        'Handle zero total volume
```

```
        If total = 0 Then
```

```
            'Print the results
```

```
            Range("I" & 2 + j).Value = Cells(i, 1).Value
```

```
            Range("J" & 2 + j).Value = 0
```

```
            Range("K" & 2 + j).Value = "%" & 0
```

```
            Range("L" & 2 + j).Value = 0
```

```
        Else
```

```
            'Find first non-zero starting value
```

```
            If Cells(start, 3) = 0 Then
```

```
                For find_value = start To i
```

```
                    If Cells(find_value, 3).Value <> 0 Then
```

```
                        start = find_value
```

```
                        Exit For
```

```
                    End If
```

```
                Next find_value
```

```
            End If
```

```
            'Calculate change
```

```
            change = (Cells(i, 6) - Cells(start, 3))
```

```
            percentChange = Round((change / Cells(start, 3) * 100), 2)
```

```
            'Start of the next stock ticker
```

```
            start = i + 1
```

```
            'Print the results
```

```
            Range("I" & 2 + j).Value = Cells(i, 1).Value
```

```
            Range("J" & 2 + j).Value = Round(change, 2)
```

```
            Range("K" & 2 + j).Value = "%" & percentChange
```

```
            Range("L" & 2 + j).Value = total
```

```
            'Colors positive green and negatives red
```

```
            Select Case change
```

```
                Case Is > 0
```

```
                    Range("j" & 2 + j).Interior.ColorIndex = 4
```

```
                Case Is < 0
```

```
        Range("j" & 2 + j).Interior.ColorIndex = 3
    Case Else
        Range("j" & 2 + j).Interior.ColorIndex = 0
    End Select
End If

'Reset variable for new stock ticker
total = 0
change = 0
j = j + 1

'If ticker is still the same add results
Else
    total = total + Cells(i, 7).Value
End If

Next i

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```
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```

```
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```

```
                End If
```

```
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