

## module2\_for\_VBA\_Challenge\_2()

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Sub module2_for_VBA_Challenge_2()
' found the Greatest %increase", "Greatest %decrease", "Greatest total volume" in the Summary Table

'=====Start Print=====
' Print the Greatest % increase", "Greatest % decrease", and "Greatest total volume" in the Summary Table
  Range("N" & 2).Value = "Greatest % increase"
  Range("N" & 3).Value = "Greatest % decrease"
  Range("N" & 4).Value = "Greatest_total_volume"
  Range("O" & 1).Value = "Ticker"
  Range("P" & 1).Value = "Value"

' === found the Greatest %increase", "Greatest %decrease", and "Greatest total volume" ===
  Dim Ticker1, Ticker2, Ticker3 As String
  Dim Max As Double
  Dim Min As Double
  Dim Total_value As Double

'=====Start Global declaration=====
  Max = Cells(2, 11).Value
  Min = Cells(2, 11).Value
  Total_value = Cells(2, 12).Value
  Tricker1 = Tricker2 = Tricker3 = Cells(2, 9).Value

' Counts the number of rows in this table
  lastrow = Cells(Rows.Count, 9).End(xlUp).Row

  For j = 2 To lastrow
    '=====
    If Cells(j + 1, 11).Value > Max Then
      ' Print the ticker and Max in the Summary Table
      Max = Range("K" & j + 1).Value
      Tricker1 = Range("I" & j + 1).Value
      Range("P" & 2).Value = Max
      Range("O" & 2).Value = Tricker1
    Else
      Range("P" & 2).Value = Max
      Range("O" & 2).Value = Tricker1
    End If
  End If

  '=====
  If Cells(j + 1, 11).Value < Min Then
    ' Print the ticker and Min in the Summary Table
    Min = Range("K" & j + 1).Value
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Tricker2 = Range("I" & j + 1).Value  
Range("P" & 3).Value = Min  
Range("O" & 3).Value = Tricker2
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Else  
Range("P" & 3).Value = Min  
Range("O" & 3).Value = Tricker2  
End If
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'=====
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If Cells(j + 1, 12).Value > Total_value Then  
    ' Print the ticker and Total_value in the Summary Table  
    Total_value = Range("L" & j + 1).Value  
    Tricker3 = Range("I" & j + 1).Value  
    Range("P" & 4).Value = Total_value  
    Range("O" & 4).Value = Tricker3
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Else  
    Range("P" & 4).Value = Total_value  
    Range("O" & 4).Value = Tricker3  
End If
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'=====
```

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Next j
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End Sub
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