Example 1

一、計算日常考察的平均

```
Sheet1.Cells(3, 13) = (Sheet1.Cells(3, 3) + Sheet1.Cells(3, 4) + Sheet1.Cells(3, 5) +
Sheet1.Cells(3, 6) + Sheet1.Cells(3, 7) + Sheet1.Cells(3, 8) + Sheet1.Cells(3, 9) +
Sheet1.Cells(3,10) + Sheet1.Cells(3, 11) + Sheet1.Cells(3, 12)) / 10
```

二、使用**For**迴圈

```
For i = 3 To 22
    Sheet1.Cells(i, 13) = (Sheet1.Cells(i, 3) + Sheet1.Cells(i, 4) + Sheet1.Cells(i, 5) +
    Sheet1.Cells(i, 6) + Sheet1.Cells(i, 7) + Sheet1.Cells(i, 8) + Sheet1.Cells(i, 9) +
    Sheet1.Cells(i, 10) + Sheet1.Cells(i, 11) + Sheet1.Cells(i, 12)) / 10
Next i
```

三、使用巢狀迴圈，一次算出所有平均、加權

```
For i = 3 To 22
      Sum = 0
    For j = 3 To 12
        Sum = Sum + Sheet1.Cells(i, j)
    Next j
  Sheet1.Cells(i, 13) = Sum / 10          '計算平均
    Sheet1.Cells(i, 14) = Sheet1.Cells(i, 13) * 0.5       '計算平均加權
  Sheet1.Cells(i, 16) = Sheet1.Cells(i, 15) * 0.2   '計算期中考加權
  Sheet1.Cells(i, 18) = Sheet1.Cells(i, 17) * 0.3    '計算期末考加權
  Sheet1.Cells(i, 19) = Sheet1.Cells(i, 14) + Sheet1.Cells(i, 16) + Sheet1.Cells(i, 18)
Next i
```

四、自訂四捨五入的函數：插入□模組

```
Function round(vol, bit)
    round = Int(vol * 10 ^ bit + 0.5) / 10 ^ bit
End Function
```

- 第1行中的round就是這個函數的名稱，是自己命名的(注意：命名不能跟關鍵字或是內建函數相同)。
- 第2行是這個函數的運算邏輯。
  - ◆ vol變數代表原本的值，bit變數代表要取到小數點第幾位的值。
    (傳入值亦可取保留字以外的任意名稱)

五、將**round**函式套用在之前寫的程式當中

```
Sheet1.Cells(i, 13) = round(Sum / 10, 1)
Sheet1.Cells(i, 14) = round(Sheet1.Cells(i, 13) * 0.5, 1)
Sheet1.Cells(i, 16) = round(Sheet1.Cells(i, 15) * 0.2, 1)
Sheet1.Cells(i, 18) = round(Sheet1.Cells(i, 17) * 0.3, 1)
Sheet1.Cells(i, 19) = round(Sheet1.Cells(i, 14)+Sheet1.Cells(i, 16)+Sheet1.Cells(i, 18), 1)
```

Example 2

一、計算加班津貼

　　每小時加班津貼=(本俸+伙食津貼+全勤獎金)/150
　　加班津貼=加班時數*每小時加班津貼

```
Sheet2.Cells(2, 3) = Sheet2.Cells(2, 2) * (Sheet1.Cells(2, 2) + Sheet1.Cells(2, 3) +
```

```
    Sheet1.Cells(2, 4)) / 150
```

二、使用For迴圈

```
For i = 2 To 31
    Sum = 0
    For j = 2 To 4
    [1]  '計算每小時加班津貼
  Next j
  [2]  '計算加班津貼
Next i
```

三、計算事假扣薪和病假扣薪，並加入round函數

每小時事假扣薪=(本俸+伙食津貼+全勤獎金)/450
事假扣薪=事假時數*每小時事假扣薪

```
Sheet2.Cells(i, 5) = round(Sheet2.Cells(i, 4) * (Sheet1.Cells(i, 2) + Sheet1.Cells(i, 3) +
Sheet1.Cells(i, 4)) / 450, 0)
```

每小時病假扣薪(本俸+伙食津貼+全勤獎金)/450
病假扣薪=病假時數*每小時病假扣薪

```
Sheet2.Cells(i, 7) = round(Sheet2.Cells(i, 6) * (Sheet1.Cells(i, 2) + Sheet1.Cells(i, 3) +
Sheet1.Cells(i, 4)) / 450, 0)
```

四、計算未扣勞保健保薪資，並加入round函數

本俸+伙食津貼+全勤獎金+交通津貼+各項獎金+加班津貼+各項補助-事假扣薪-病假扣薪

```
Sheet2.Cells(i, 8) = round(Sheet1.Cells(i, 2) + Sheet1.Cells(i, 3) + Sheet1.Cells(i, 4) +
Sheet1.Cells(i, 5) + Sheet1.Cells(i, 6) + Sheet1.Cells(i, 7) + Sheet2.Cells(i, 3) –
Sheet2.Cells(i, 5) - Sheet2.Cells(i, 7),0)
```

五、計算勞保健保投保薪資，並加入round函數

本俸+伙食津貼+全勤獎金+交通津貼

```
Sheet2.Cells(i, 9) = round(Sheet1.Cells(i, 2) + Sheet1.Cells(i, 3) + Sheet1.Cells(i, 4) +
Sheet1.Cells(i, 5), 0)
```

六、建立函數查表填入實際勞保投保薪資

```
Function bol(bol_vol)
    Select Case bol_vol
        Case Is <= 15840
            bol = 15840
        Case 15841 To 16500
            bol = 16500
        Case 16501 To 17400
            bol = 17400
        Case 17401 To 18300
            bol = 18300
        Case 18301 To 19200
            bol = 19200
        Case 19201 To 20100
            bol = 20100
        Case 20101 To 21000
            bol = 21000
```

```
        Case 21001 To 21900
          bol = 21900
        Case 21901 To 22800
          bol = 22800
        Case 22801 To 24000
          bol = 24000
        Case 24001 To 25200
          bol = 25200
        Case 25201 To 26400
          bol = 26400
        Case 26401 To 27600
          bol = 27600
        Case 27600 To 28800
          bol = 28800
        Case 28801 To 30300
          bol = 30300
        Case 30301 To 31800
          bol = 31800
        Case 31801 To 33300
          bol = 33300
        Case 33301 To 34800
          bol = 34800
        Case 34801 To 36300
          bol = 36300
        Case 36301 To 38200
          bol = 38200
        Case 38201 To 40100
          bol = 40100
        Case Is >= 40101
          bol = 42000
      End Select
    End Function
```

七、建立函數查表填入實際健保投保薪資

```
Function bonh(bol_vol)
    Select Case bol_vol
      Case Is <= 15840
        bonh = 15840
      Case 15841 To 16500
        bonh = 16500
      Case 16501 To 17400
        bonh = 17400
      Case 17401 To 18300
        bonh = 18300
      Case 18301 To 19200
        bonh = 19200
      Case 19201 To 20100
        bonh = 20100
      Case 20101 To 21000
        bonh = 21000
```

```
Case 21001 To 21900
    bonh = 21900
Case 21901 To 22800
    bonh = 22800
Case 22801 To 24000
    bonh = 24000
Case 24001 To 25200
    bonh = 250200
Case 25201 To 26400
    bonh = 26400
Case 26401 To 27600
    bonh = 27600
Case 27601 To 28800
    bonh = 28800
Case 28801 To 30300
    bonh = 30300
Case 30301 To 31800
    bonh = 31800
Case 31801 To 33300
    bonh = 33300
Case 33301 To 34800
    bonh = 34800
Case 34801 To 36300
    bonh = 36300
Case 36301 To 38200
    bonh = 38200
Case 38201 To 40100
    bonh = 40100
Case 40101 To 42000
    bonh = 42000
Case 42001 To 43900
    bonh = 43900
Case 43901 To 45800
    bonh = 45800
Case 45801 To 48200
    bonh = 48200
Case 48201 To 50600
    bonh = 50600
Case 50601 To 53000
    bonh = 53000
Case 53001 To 55400
    bonh = 55400
Case 55401 To 57800
    bonh = 57800
Case 57801 To 60800
    bonh = 60800
Case 60801 To 63800
    bonh = 63800
Case 63801 To 66800
    bonh = 66800
```

```
        Case 66801 To 69800
           bonh = 69800
        Case 69801 To 72800
           bonh = 72800
        Case 72801 To 76500
           bonh = 76500
        Case 76501 To 80200
           bonh = 80200
        Case 80201 To 83900
           bonh = 83900
        Case Is >= 83901
           bonh = 87600
     End Select
End Function
```

八、使用**VBA**自動查表

```
Sheet2.Cells(i, 10) = bol(Sheet2.Cells(i, 9))  '勞保
Sheet2.Cells(i, 12) = bonh(Sheet2.Cells(i, 9))  '健保
```

九、計算勞保費和健保費，並加入**round**函數

```
'勞保費=實際勞保投保薪資*6.5%*20%
Sheet2.Cells(i, 11) = round(Sheet2.Cells(i, 10) * 0.065 * 0.2, 0)
'健保費=實際健保投保薪資*4.25%*30%*(1+眷口數)
Sheet2.Cells(i, 13) = round(Sheet2.Cells(i, 12) * 0.0425 * 0.3 * (1 + Sheet1.Cells(i, 9)), 0)
```

十、計算預扣所得稅和實領薪資
預扣所得稅=未扣勞保健保薪資*預扣所得稅稅率
實領薪資=未扣勞保健保薪資-勞保費-健保費-預扣所得稅-互助金

```
'預扣所得稅=未扣勞保健保薪資*預扣所得稅稅率
Sheet2.Cells(i, 14) = round(Sheet2.Cells(i, 8) * Sheet1.Cells(i, 11) *, 0)
'實領薪資=未扣勞保健保薪資-勞保費-健保費-預扣所得稅-互助金
Sheet2.Cells(i, 15) = round(Sheet2.Cells(i, 8) - Sheet2.Cells(i,11) - Sheet2.Cells(i, 13) -
Sheet2.Cells(i, 14) – Sheet1.Cells(i, 8), 0)
```