LOTTO Winners

Sub HW\_Task2\_Lotto()

' Create variables to hold winners. (Use "Long" because the numbers exceed the limit for integers)

Dim first\_place As Long

Dim second\_place As Long

Dim third\_place As Long

Dim runner1 As Long

Dim runner2 As Long

Dim runner3 As Long

Dim firstwin As String

Dim lastwin As String

' Establish the winning ticket numbers

first\_place = 3957481

second\_place = 5865187

third\_place = 2817729

' Establish the runner-up numbers

runner1 = 2275339

runner2 = 5868182

runner3 = 1841402

' Loop through each of the lotto tickets

' \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

' Determining last row of data, starting loop through 1st-3rd lotto winners

' \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

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

For i = 2 To lastrow

If Cells(i, 3).Value = first\_place Then

Range("F2") = Cells(i, 1).Value

Range("G2") = Cells(i, 2).Value

ElseIf Cells(i, 3).Value = second\_place Then

Range("F3") = Cells(i, 1).Value

Range("G3") = Cells(i, 2).Value

ElseIf Cells(i, 3).Value = third\_place Then

Range("F4") = Cells(i, 1).Value

Range("G4") = Cells(i, 2).Value

End If

Next i

'Starting loop for runner up, with exit for to exit loop once first winner is found

For i = 2 To lastrow

If Cells(i, 3).Value = runner1 Then

Range("F5") = Cells(i, 1).Value

Range("G5") = Cells(i, 2).Value

Range("H5") = Cells(i, 3).Value

Exit For

ElseIf Cells(i, 3).Value = second\_place Then

Range("F5") = Cells(i, 1).Value

Range("G5") = Cells(i, 2).Value

Range("H5") = Cells(i, 3).Value

Exit For

ElseIf Cells(i, 3).Value = third\_place Then

Range("F5") = Cells(i, 1).Value

Range("G5") = Cells(i, 2).Value

Range("H5") = Cells(i, 3).Value

Exit For

End If

Next i

MsgBox ("The Grand Prize Winner is " & Range("f2").Value & " " & Range("G2") & "!")

End Sub