3. Show the output of the following macro code segment by filling in the spreadsheet worksheet.

```vba
define theNumber = 1

For theRow = 2 To 7
    Cells(theRow, 1).Value = theNumber
    Cells(theRow, 2).Value = theRow
    theNumber = theNumber + 10

Next theRow
```

4. Show what the output of the following macro would be by filling in the cells of the same worksheet as you just did for question #3.

```vba
Sub mysteryForQuestion4()
    s = "UNIPanthers!"
    whatColumn = 1

    For i = 2 To Len(s) Step 2
        Cells(10, whatColumn).Value = Mid(s, i-1, 1)
        Cells(11, whatColumn).Value = Mid(s, i, 1)
        whatColumn = whatColumn + 1
    Next i
End Sub
```
5. Show what the output of the following macro would be by filling in the cells of the same worksheet as you did for questions #3 and #4.

```vba
Range("E3:G5").Select
For Each theCell in Selection
    theCell.Value = "VBA"
Next theCell
```

6. Write the complete macro that will reset all of the Counts back to 0 in each of the cells in column B, except for the cell that is done with a formula. The B13 cell obviously would be done with the Excel Formula =SUM(B2:B12), right? Name your macro `ResetCounts`, please. Write very neatly here. Use scratch paper first, if you need to. When your macro is finished, I will see a 0 in each of the cells in column B from row 2 to row 12. The digit 0 will be seen.
7. What is the value (output) of the VBA expression `Left(“Volleyball”, 3)`?

8. What is the value of `Right(“UNI Panthers”, 4)`?

9. What is the value of `Mid(“Volleyball”, 2, 3)`?

10. **What keystroke** (keyboard shortcut keystroke combination) would cause the following Excel screen to select the CurrentRegion range of cells for the given ActiveCell? **What exact range of cells** would be selected?

    ![Excel Screen](image)

11. What will be all of the possible outputs or displayed results of the following Excel spreadsheet formula? List ALL of them.

    
    \[=INT (RAND () \times 3+8)\]

12. `Application.ScreenUpdating` is set to what value by default when the Microsoft Excel software application is started up?

    True or False

13. The autofill handle is located on what corner of the Excel selected cell or selected range of cells?
14. What are the series of commands that would be used in Excel to record the following macro? Be very specific and answer for each ROMAN NUMERAL (Note: II and V are identical)

Sub FillLabels()
I. Range("A1").Select
II. Selection.CurrentRegion.Select
III. Selection.SpecialCells(xlCellTypeBlanks).Select
IV. Selection.FormulaR1C1 = "=R[-1]C"
V. Selection.CurrentRegion.Select
VI. Selection.Copy
VII. Selection.PasteSpecial Paste:=xlPasteValues,
Operation:=xlNone,
SkipBlanks :=False,
_Transpose:=False
VIII. Application.CutCopyMode = False
       Range("A1").Select
End Sub

I

II (and V)

III

IV

VI

VII

VIII