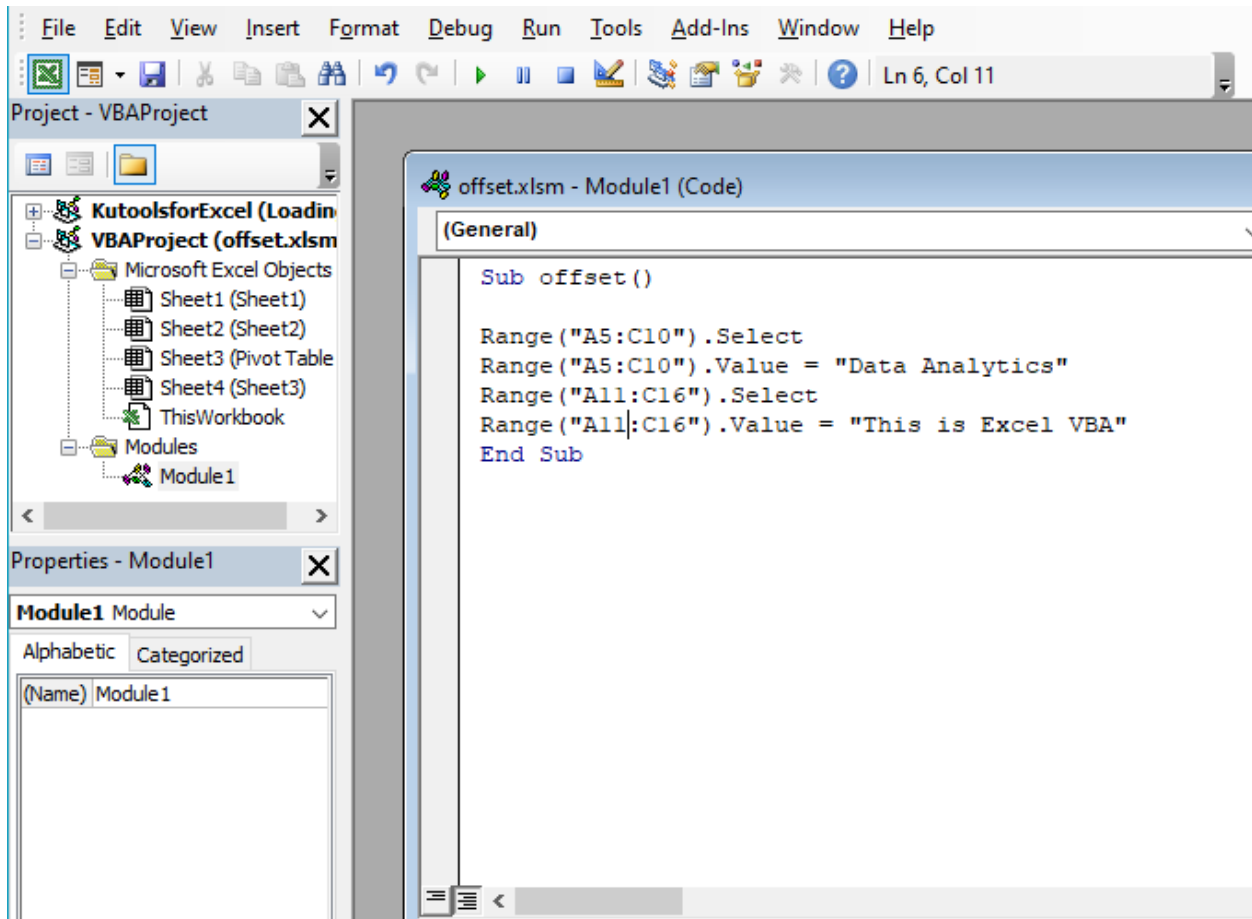
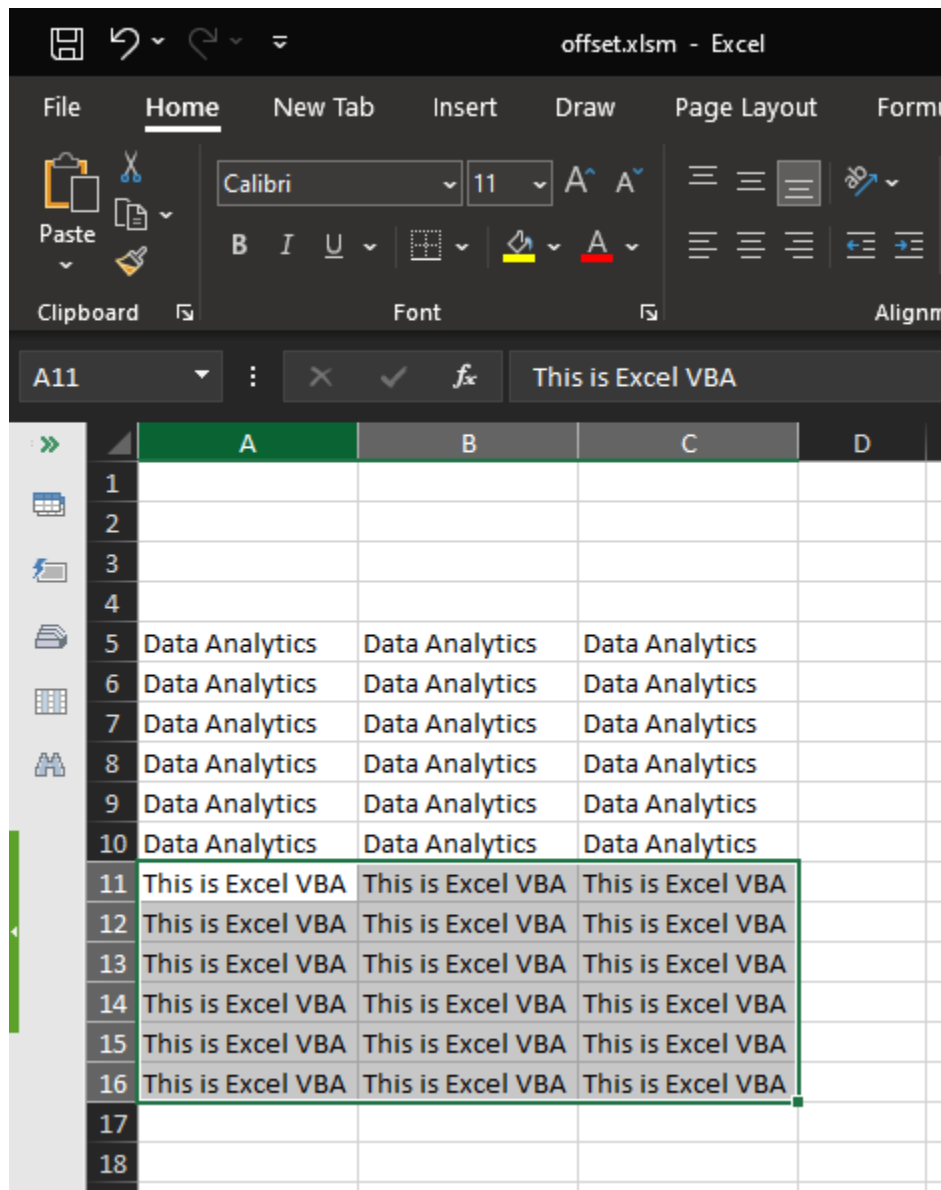


Excel Assignment - 20

1. Write a VBA code to select the cells from A5 to C10. Give it a name

“Data Analytics” and fill the cells with the following cells “This is Excel VBA”





2. Use the above data and write a VBA code using the following statements to display in the next column if the number is odd or even
- IF ELSE statement
 - Select Case statement
 - For Next Statement

Number Odd or
even

56

89

26

36

75

48

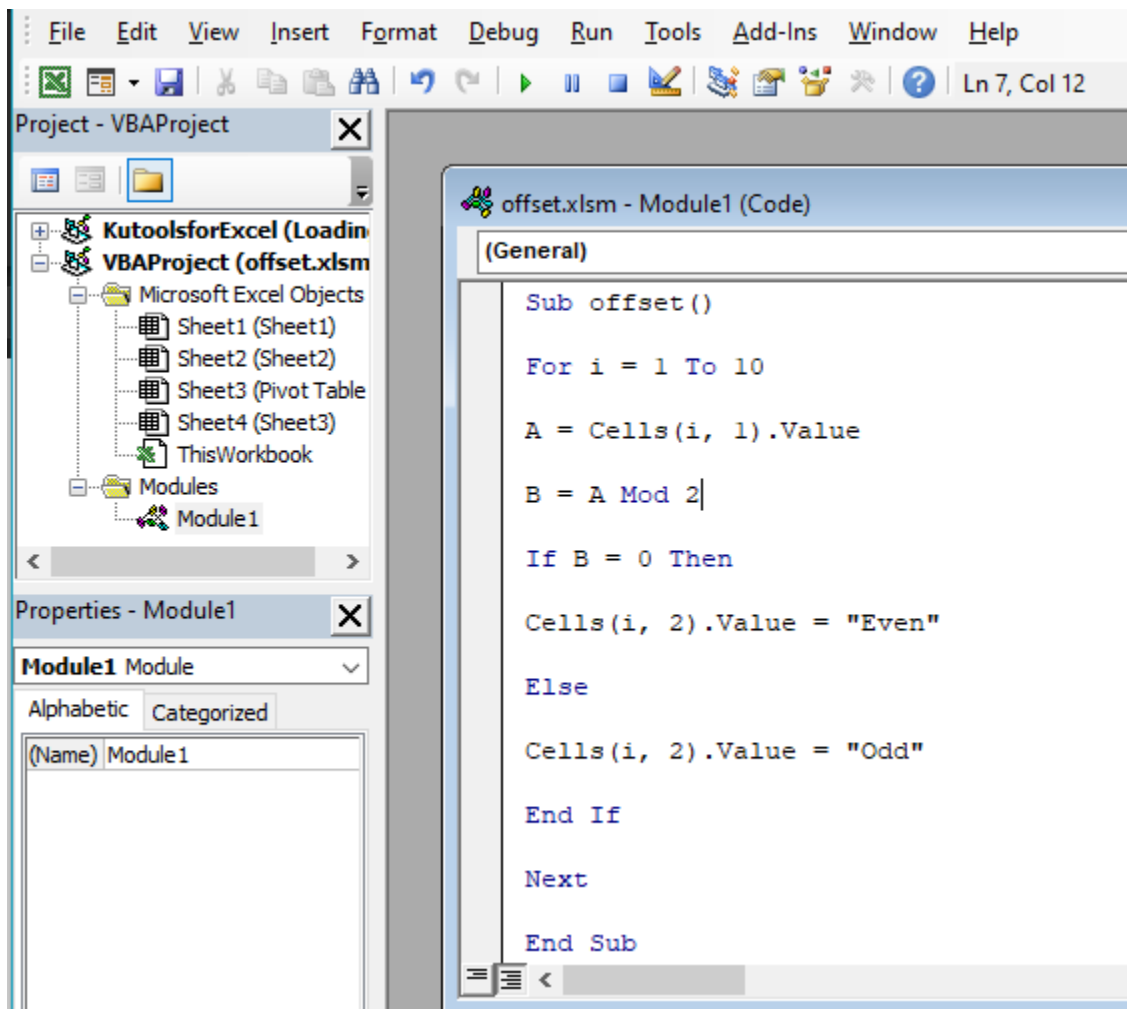
92

58

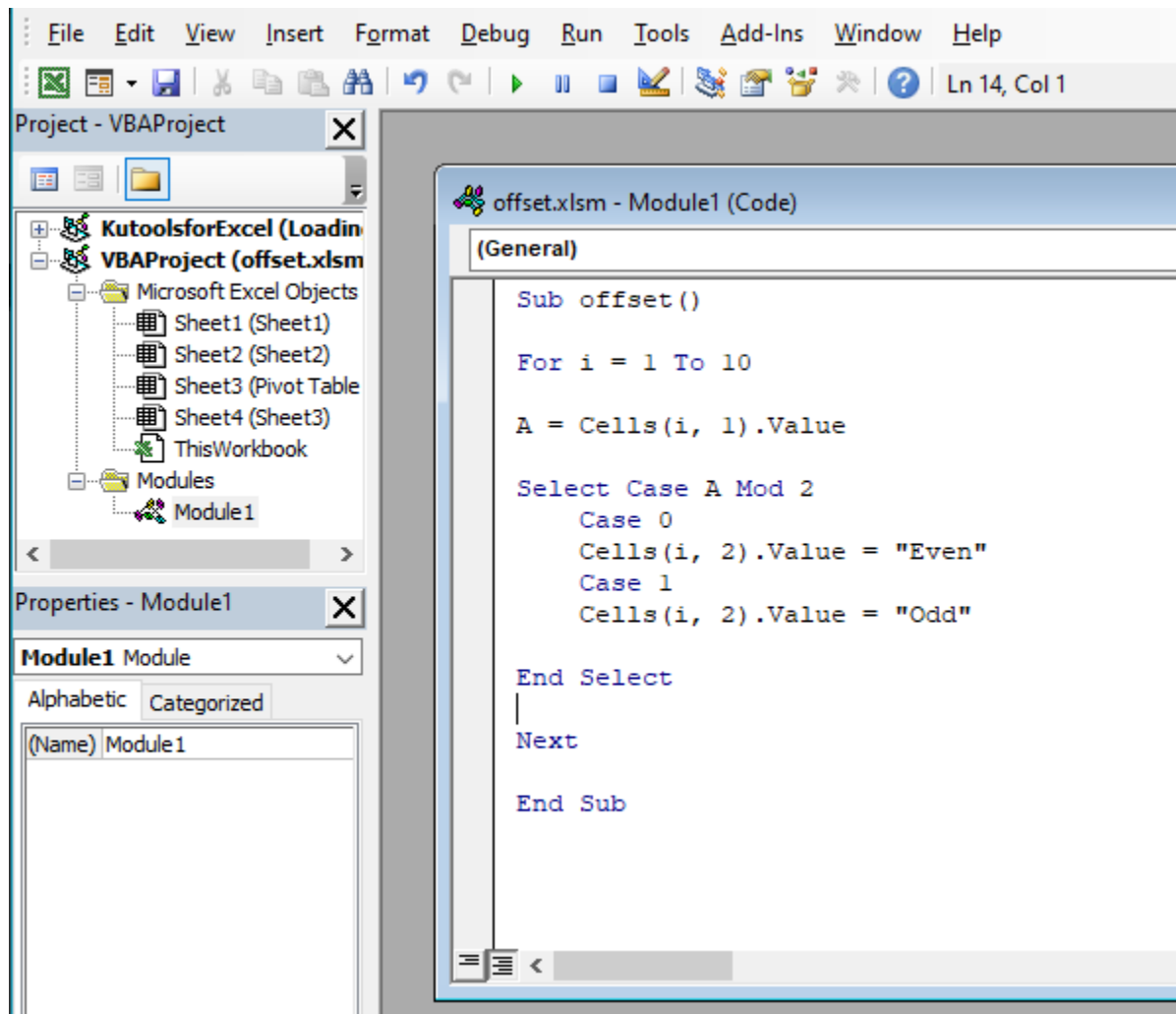
13

25

a) If Else & c) For Next Statement:



b) Select Case statement:



3. What are the types of errors that you usually see in VBA?

Syntax Errors, Compilation Errors, Run time Errors, Logic Errors

4. How do you handle Runtime errors in VBA?

Runtime errors are often caused by unexpected data being passed to the VBA code, mismatching data types, dividing by unexpected zeros etc.

Use the Resume Next statement with On Error. Any errors that occur during runtime to continue executing the macro at the next statement

To handle a runtime error, the code can be placed within a try-catch block and the error can be caught inside the catch block.

5. Write some good practices to be followed by VBA users for handling errors

Use 'On Error Go [Label]' at the beginning of the code.

Use 'On Error Resume Next' ONLY when you're sure about the errors that can occur.

6. What is UDF? Why are UDF's used? Create a UDF to multiply 2 numbers in VBA

UDF = User defined Functions.

You can create your own custom UDF to cater to your specific needs like Complex Formula's.

