

1) What are the data types used in VBA?

→ Integer: Used to store number values that won't take on decimal form.

- Single: Used to store number values that may take on decimal form. ...
- Double: A longer form of the single variable. ...
- Date: Stores date values.
- String: Stores text. ...
- Boolean: Used to store binary results (True/False, 1/0)

2) What are variables and how do you declare them in VBA? What happens if you don't declare a variable?

→ Variables can be declared as one of the following data types: Boolean, Byte, Integer, Long, Currency, Single, Double, Date, String (for variable-length strings), String \* length (for fixed-length strings), Object, or Variant. If you don't specify a data type, the Variant data type is assigned by default.

3) What is a range object in VBA? What is a worksheet object?

→ Range is a property in VBA that helps specify a particular cell, a range of cells, a row, a column, or a three-dimensional range. In the context of the Excel worksheet, the VBA range object includes a single cell or multiple cells spread across various rows and columns.

4) What is the difference between worksheet and sheet in excel?

→ A worksheet is a just single-page data file that is generally created as a specific data file, while a spreadsheet is a whole program where the user can create a worksheet or workbook. A workbook is a bundle of worksheets where generally one or more than one worksheet is available.

5) What is the difference between A1 reference style and R1C1 Reference style? What are the advantages and disadvantages of using R1C1 reference style?

→ In Excel, there are two kinds of cell reference styles first is A1 and the second is R1C1. Well, most Excel users don't even know about the existence of the R1C1 reference style. But some users love to use it and found it more convenient than A1. The R1C1 style is a kind of old one.

6) When is offset statement used for in VBA? Let's suppose your current highlight cell is A1 in the below table. Using OFFSET statement, write a VBA code to highlight the cell with "Hello" written in it.

→ To select a cell in Excel, you have two basic methods: RANGE and CELLS: ... ActiveCell.Offset(1, 0).Range("A1").Select ... Hello Admin.