**Assignment - 19**

1. What are the data types used in VBA?

Common data types in VBA include Integer, Long, Double, String, Date, Boolean, Object, Variant, and custom user-defined types.

1. What are variables and how do you declare them in VBA? What happens if you don’t declare a variable?

Variables in VBA are placeholders for data. Declare them using "Dim" followed by the variable name. Not declaring can lead to errors or unexpected results due to ambiguous data types.

1. What is a range object in VBA? What is a worksheet object?

A Range object represents a cell or group of cells in Excel. A Worksheet object represents a worksheet within a workbook.

1. What is the difference between worksheet and sheet in excel?

In Excel, "Worksheet" refers to a single sheet within a workbook, while "Sheet" is a more generic term encompassing worksheets and chart sheets.

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

A1: Uses column letter and row number (e.g., A1). R1C1: Uses relative row and column numbers (e.g., R1C1). Advantages of R1C1: Easier for formula copying. Disadvantages: Less intuitive for most users.