

VBA NOTES - WITH STATEMENT

Definition:

With is used to perform multiple actions on a single object without repeating its name.

It makes code shorter, cleaner, and easier to read.

Syntax:

```
With Object
    .Property1 = Value
    .Property2 = Value
    .Method
End With
```

Example 1 - Without With:

```
Range("A1").Value = "Akshay"
Range("A1").Font.Bold = True
Range("A1").Font.Color = vbRed
Range("A1").Interior.Color = vbYellow
```

Example 2 - Using With:

```
With Range("A1")
    .Value = "Akshay"
    .Font.Bold = True
    .Font.Color = vbGreen
    .Interior.Color = vbBlue
End With
```

Example 3 - Worksheet Example:

```
With ThisWorkbook.Sheets("Sheet2")
    .Range("B1").Value = "Employee"
    .Range("B1").Font.Bold = True
    .Range("C1").Value = "Salary"
    .Range("C1").Font.Color = vbBlue
End With
```

Example 4 - With Object Variable:

```
Dim ws As Worksheet
Set ws = ThisWorkbook.Sheets("Sheet2")

With ws.Range("A2:D2")
    .Merge
    .Value = "Report Generated"
    .Font.Size = 14
    .Font.Bold = True
    .Interior.Color = RGB(200, 200, 255)
End With
```

Key Benefits:

- Reduces repetition
- Improves readability
- Easier maintenance
- Commonly used with Range, Worksheet, Workbook, Chart, Shape, etc.