

VBA - OBJECT VARIABLES WITH BLOCK (SHORT)

EXAMPLE 3: WITH BLOCK WITH OBJECT VARIABLE

```
Sub ObjectVariableWith()  
    Dim ws As Worksheet  
    Set ws = ThisWorkbook.Sheets("Sheet1")  
  
    With ws.Range("B2:D5")  
        .Interior.Color = vbYellow  
        .Font.Size = 12  
        .Value = "Hello!"  
    End With  
End Sub
```

How It Works:

- Set ws = Sheet1
- With = apply multiple properties to range
- .Interior.Color = yellow background
- .Font.Size = 12 size
- .Value = "Hello!" text
- End With = close block

Result:

Range B2:D5 is yellow with size 12 and "Hello!"

WITH BLOCK BENEFITS

- ✓ Apply multiple properties at once
- ✓ Shorter code (use . instead of full path)
- ✓ Easier to read
- ✓ Faster execution
- ✓ Less typing

WITHOUT WITH BLOCK

```
ws.Range("B2:D5").Interior.Color = vbYellow  
ws.Range("B2:D5").Font.Size = 12  
ws.Range("B2:D5").Value = "Hello!"
```

Repetitive and long

WITH WITH BLOCK

```
With ws.Range("B2:D5")  
    .Interior.Color = vbYellow  
    .Font.Size = 12  
    .Value = "Hello!"  
End With
```

Cleaner and shorter

KEY POINTS

- ✓ With statement groups properties
- ✓ Period (.) = property of With object
- ✓ End With = closes block
- ✓ Use for multiple properties
- ✓ Easier to manage
- ✓ Better performance
- ✓ More readable code

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