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VBA - OBJECT VARIABLES WITH BLOCK (SHORT)

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EXAMPLE 3: WITH BLOCK WITH OBJECT VARIABLE

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```
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!"

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WITH BLOCK BENEFITS

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- ✓ Apply multiple properties at once
  - ✓ Shorter code (use . instead of full path)
  - ✓ Easier to read
  - ✓ Faster execution
  - ✓ Less typing
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WITHOUT WITH BLOCK

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```
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

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

Cleaner and shorter

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KEY POINTS

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- ✓ 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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