

# 1. For...Next Loop

> Use when you know in advance how many times the loop should run.

It repeats from a start number to an end number.

## Syntax:

```
For counter = start To end [Step increment]
    ' Code to run
Next counter
```

**counter** -> loop variable.

**start To end** -> range of numbers.

**Step (optional)** -> change the increment (default is 1).

## Example 1: Simple For...Next Loop

```
Sub ForNextExample()
    Dim i As Integer

    For i = 1 To 5
        MsgBox "Number is " & i
    Next i
End Sub
```

## Example 2: For Loop with Step

```
Sub ForNextWithStep()
    Dim i As Integer

    For i = 2 To 10 Step 2
        MsgBox "Even Number: " & i
    Next i
End Sub
```

## Example 3: Writing Values into Cells

```
Sub ForNextCells()
    Dim i As Integer
```

```
For i = 1 To 10
    Cells(i, 1).Value = "Row " & i
Next i
End Sub
```