

VBA FOR Statement

FOR Simple Form:

FOR Conter Start **To** End
Statement

Next

e.g.

```
For i = 1 To 5
    MsgBox i
Next
```

Result: 1, 2, 3, 4, 5

FOR Standard Form:

FOR Conter Start **To** End [**Step** value]
Statement

Next [Counter]

e.g.

```
For i = 2 To 10 Step 2
    MsgBox i
Next i
```

Result: 2, 4, 6, 8, 10

FOR Nested Form:

FOR Conter1 Start **To** End [**Step** value]
 FOR Conter2 Start **To** End [**Step** value]
 Statement
 Next [Counte2]

Next [Counte1]

e.g. 1

```
For i = 1 To 3
    For j = 1 To 2
        MsgBox i & " " & j
    Next j
Next i
```

Result: 1 1, 1 2, 2 1, 2 2, 3 1, 3 2

FOR Complete Form:

FOR Conter Start **To** End [**Step** value]
Statement
 [**Exit For**]

Next [Counter]

e.g.

```
For i = 1 To 100 Step 2
    MsgBox i
    If i > 5 Then Exit For
Next i
```

Result: 1, 3, 5, 7