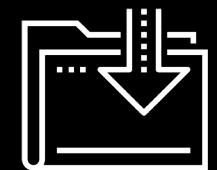




Scripting Practice in VBA

Data Boot Camp

Lesson 2.3



Words of Advice

Advice #1 - Plan, Prioritize and Focus

The Eisenhower Decision Matrix



Pomodoro Technique



Advice #2

If you ever spend more than 3 hours on homework in a week without seeing progress, ask for help!

- Join a Study Group
#study-groups
- Get Tutor Help
AskBCS Learning Assistant



Advice #3 : Create your own a study space



Invest in a second monitor

2nd monitor
→ 2x power

Questions?



Refresher

Explain to a Baby

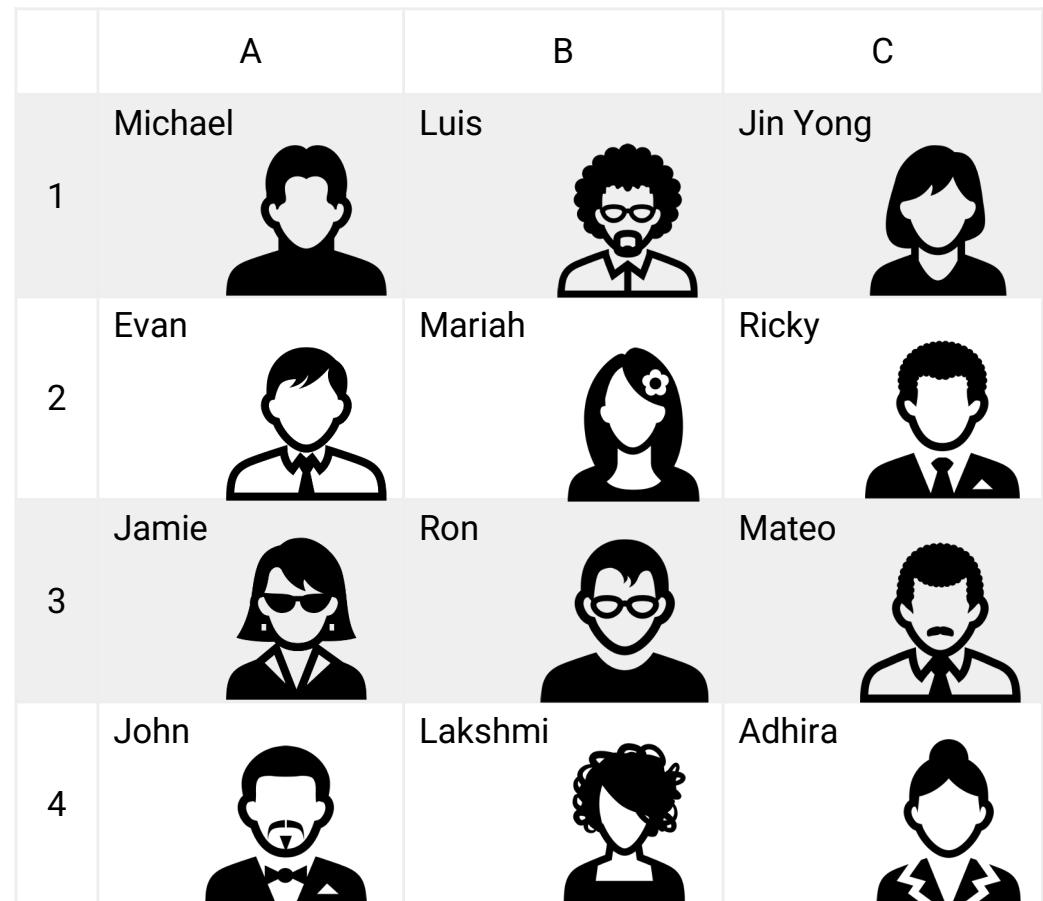
What is a for loop?



What Will This Code Do?

```
Sub QuickLoop()
    For i = 1 to 3
        MsgBox(Cells(i, 1))
    Next i
End Sub
```

	A	B	C
1	Michael	Luis	Jin Yong
2	Evan	Mariah	Ricky
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira



What Will This Code Do?

When:

i = 1

```
Sub QuickLoop()
    For i = 1 to 3
        MsgBox(Cells(i, 1))
    Next i
End Sub
```

	A	B	C
1	Michael i = 1	Luis	Jin Yong
2	Evan	Mariah	Ricky
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira

What Will This Code Do?

When:

i = 2

```
Sub QuickLoop()
    For i = 1 to 3
        MsgBox(Cells(i, 1))
    Next i
End Sub
```

	A	B	C
1	Michael	Luis	Jin Yong
2	Evan i = 2	Mariah	Ricky
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira

What Will This Code Do?

When:

i = 3

```
Sub QuickLoop()
    For i = 1 to 3
        MsgBox(Cells(i, 1))
    Next i
End Sub
```

	A	B	C
1	Michael	Luis	Jin Yong
2	Evan	Mariah	Ricky
3	Jamie i = 3	Ron	Mateo
4	John	Lakshmi	Adhira

What Will This Code Do?

Not going to:

i = 4

```
Sub QuickLoop()
    For i = 1 to 3
        MsgBox(Cells(i, 1))
    Next i
End Sub
```

	A	B	C
1	Michael	Luis	Jin Yong
2	Evan	Mariah	Ricky
3	Jamie i = 3	Ron	Mateo
4	John	Lakshmi	Adhira

Explain to a Baby

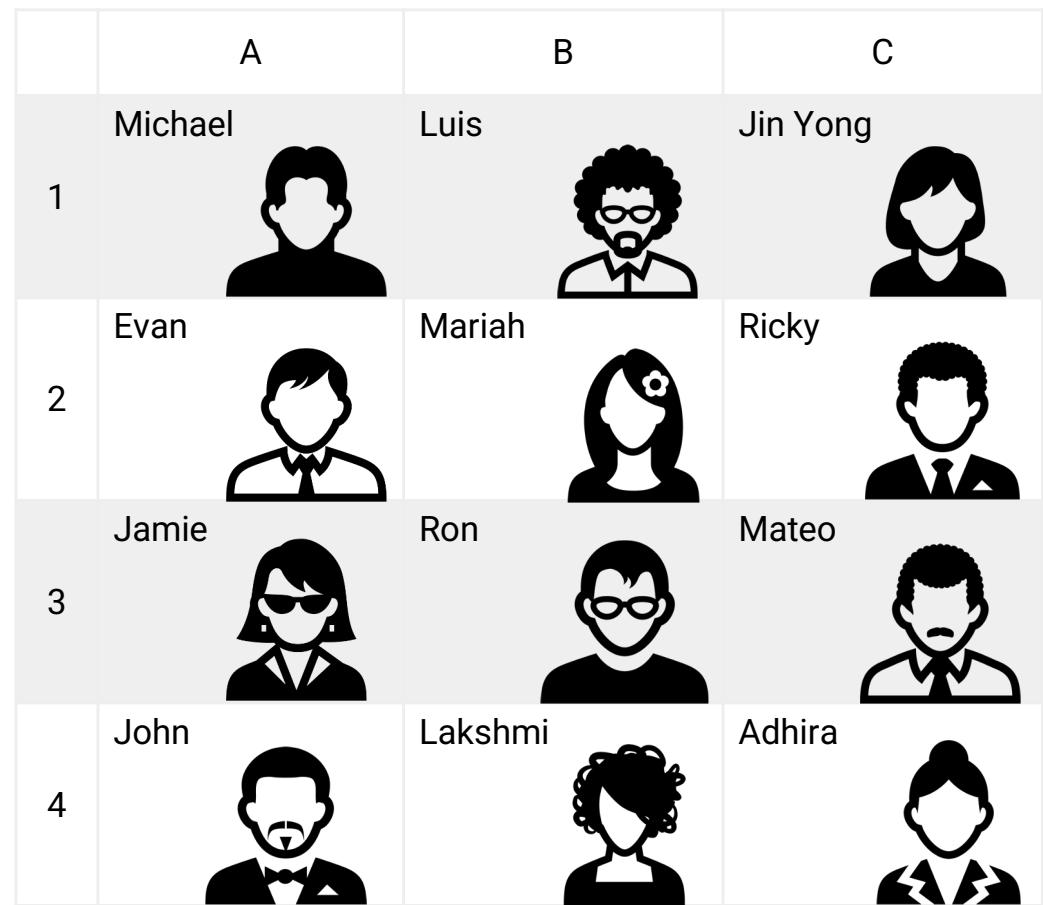
What is a nested for loop?



What Will This Code Do?

```
Sub QuickLoop()
    For i = 1 to 4
        For j = 1 to 3
            MsgBox(Cells(i, j))
        Next j
    Next i
End Sub
```

	A	B	C
1	Michael	Luis	Jin Yong
2	Evan	Mariah	Ricky
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira



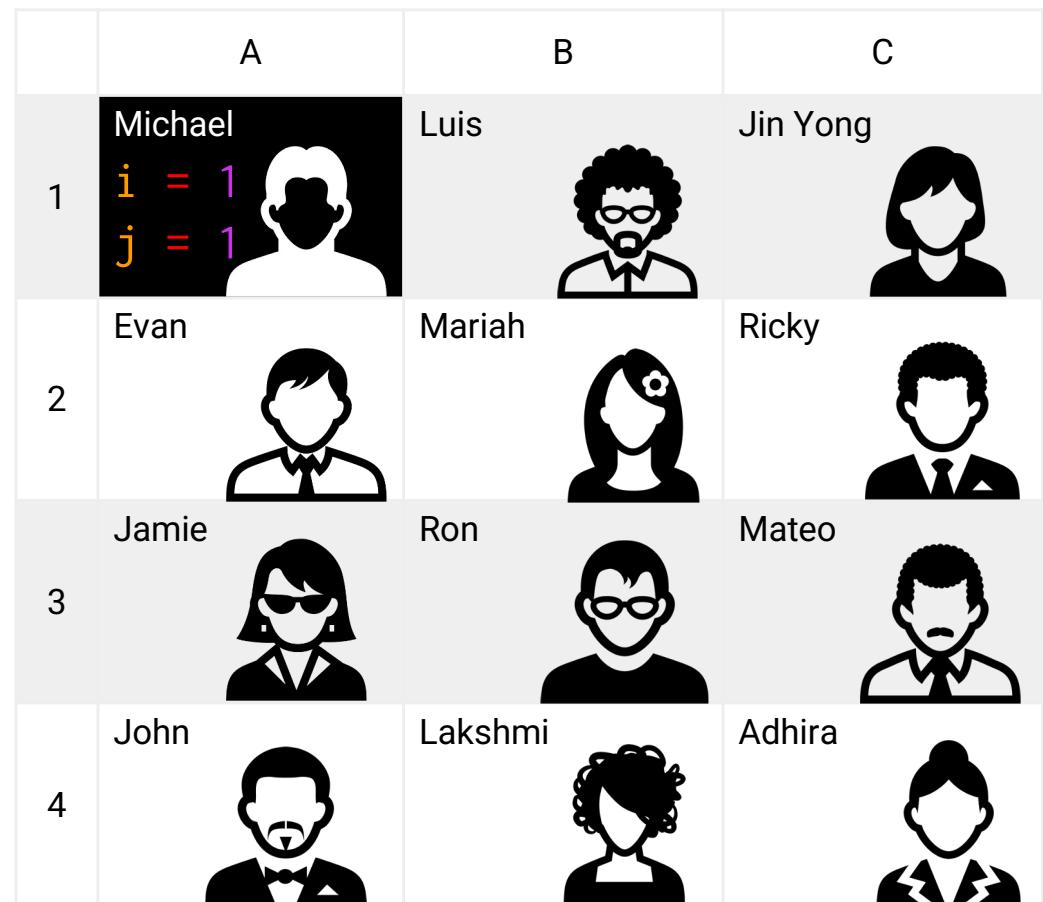
What Will This Code Do?

When:

i = 1 j = 1

```
Sub QuickLoop()
    For i = 1 to 4
        For j = 1 to 3
            MsgBox(Cells(i, j))
        Next j
    Next i
End Sub
```

	A	B	C
1	Michael i = 1 j = 1	Luis	Jin Yong
2	Evan	Mariah	Ricky
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira



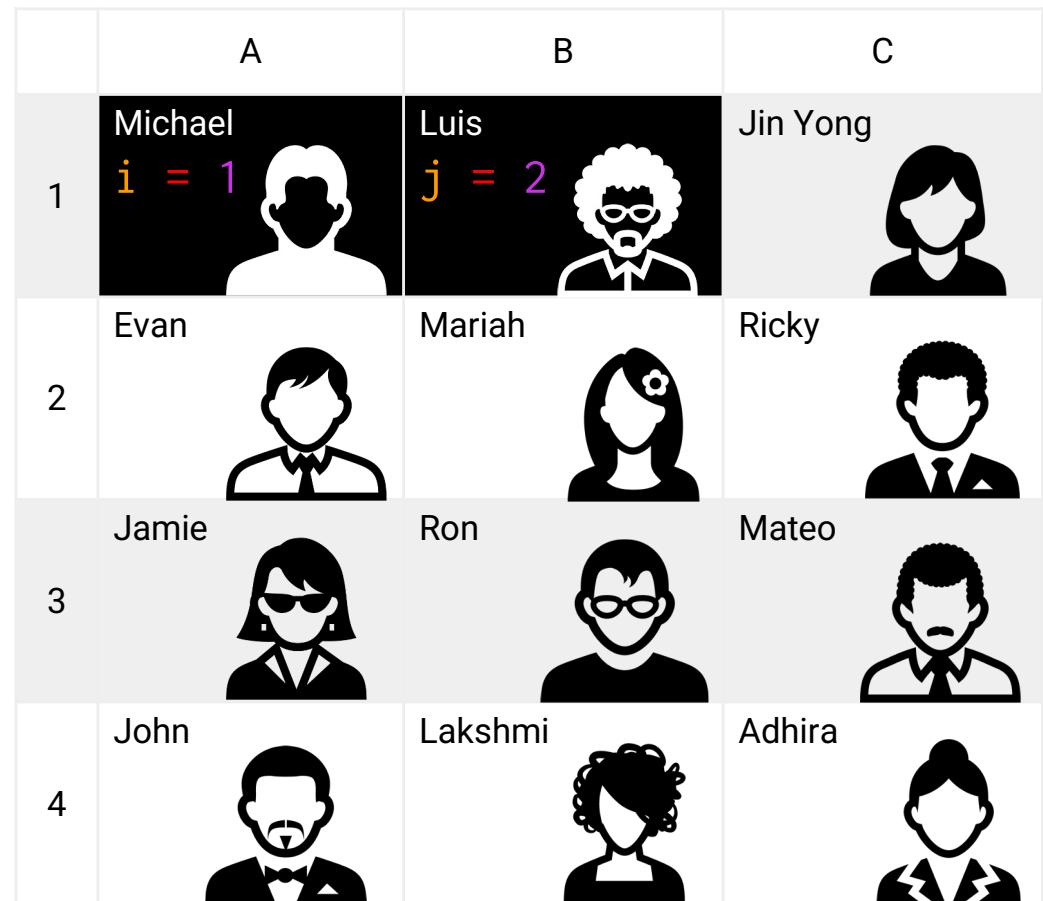
What Will This Code Do?

When:

i = 1 j = 2

```
Sub QuickLoop()
    For i = 1 to 4
        For j = 1 to 3
            MsgBox(Cells(i, j))
        Next j
    Next i
End Sub
```

	A	B	C
1	Michael i = 1	Luis j = 2	Jin Yong
2	Evan	Mariah	Ricky
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira



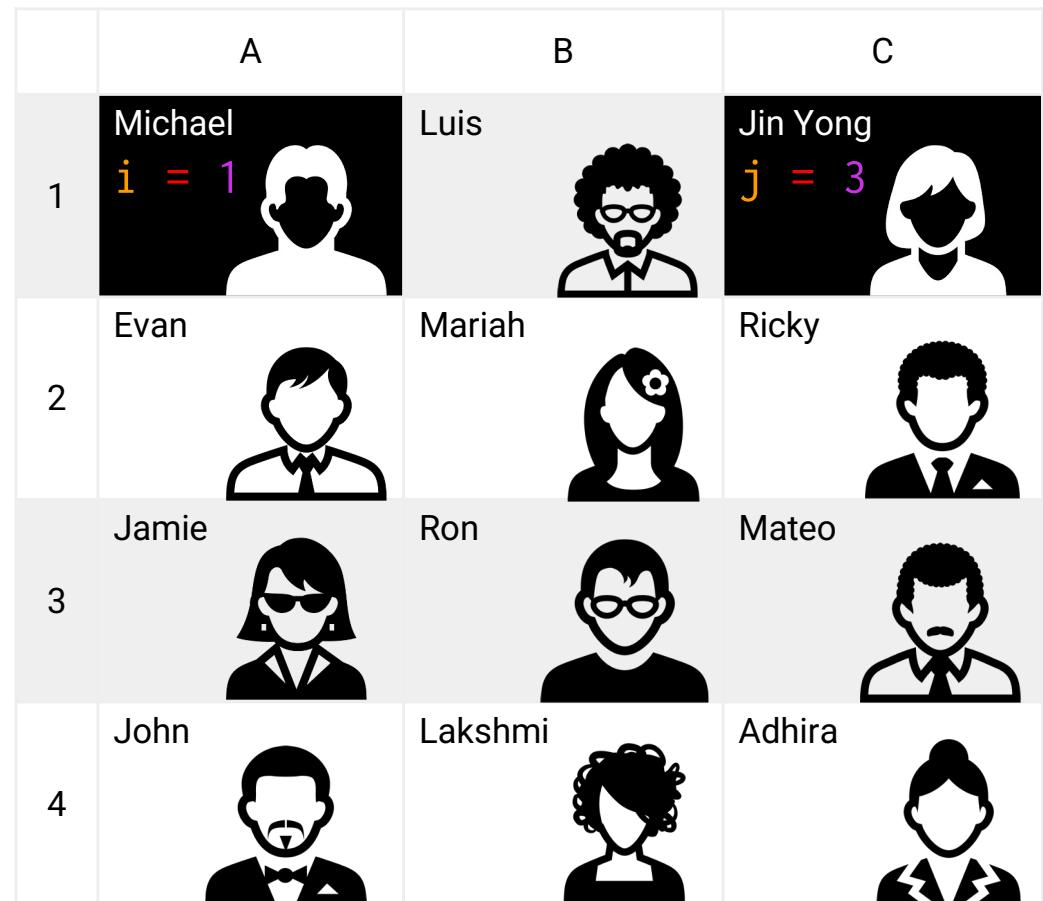
What Will This Code Do?

When:

i = 1 j = 3

```
Sub QuickLoop()
    For i = 1 to 4
        For j = 1 to 3
            MsgBox(Cells(i, j))
        Next j
    Next i
End Sub
```

	A	B	C
1	Michael i = 1	Luis	Jin Yong j = 3
2	Evan	Mariah	Ricky
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira



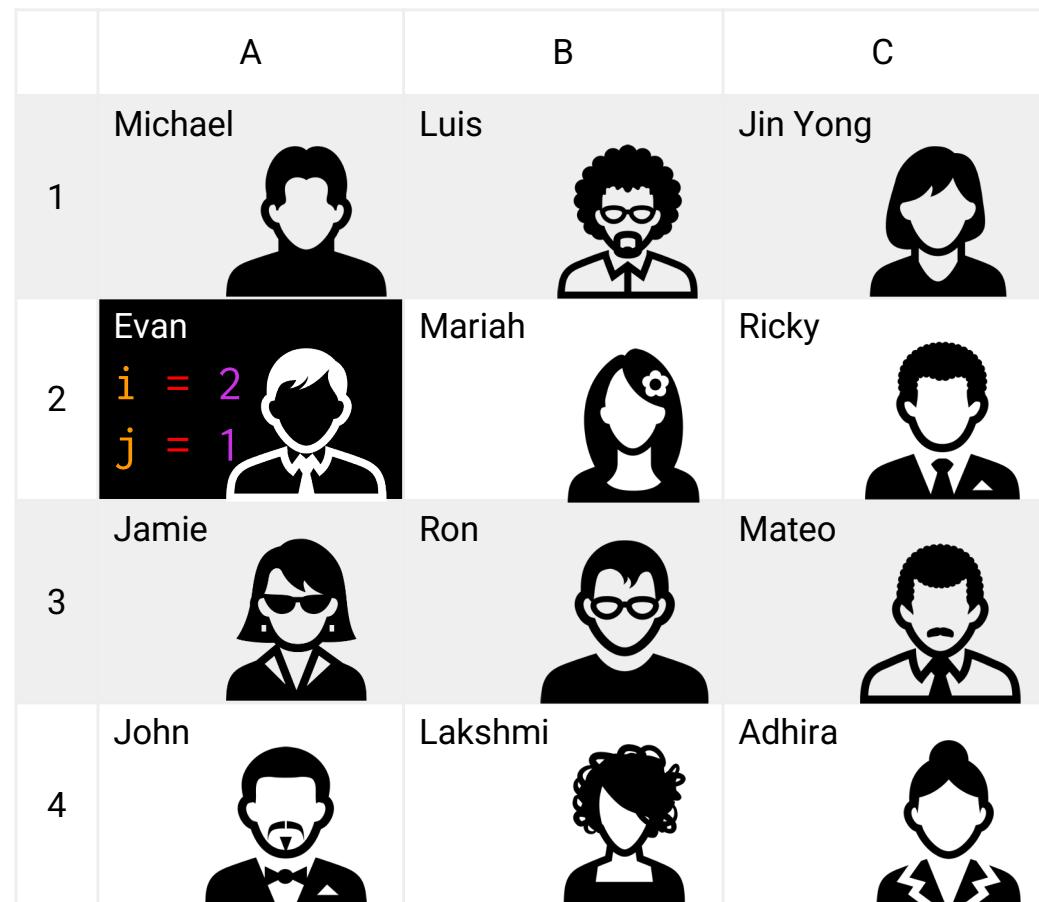
What Will This Code Do?

When:

i = 2 j = 1

```
Sub QuickLoop()
    For i = 1 to 4
        For j = 1 to 3
            MsgBox(Cells(i, j))
        Next j
    Next i
End Sub
```

	A	B	C
1	Michael	Luis	Jin Yong
2	Evan i = 2 j = 1	Mariah	Ricky
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira



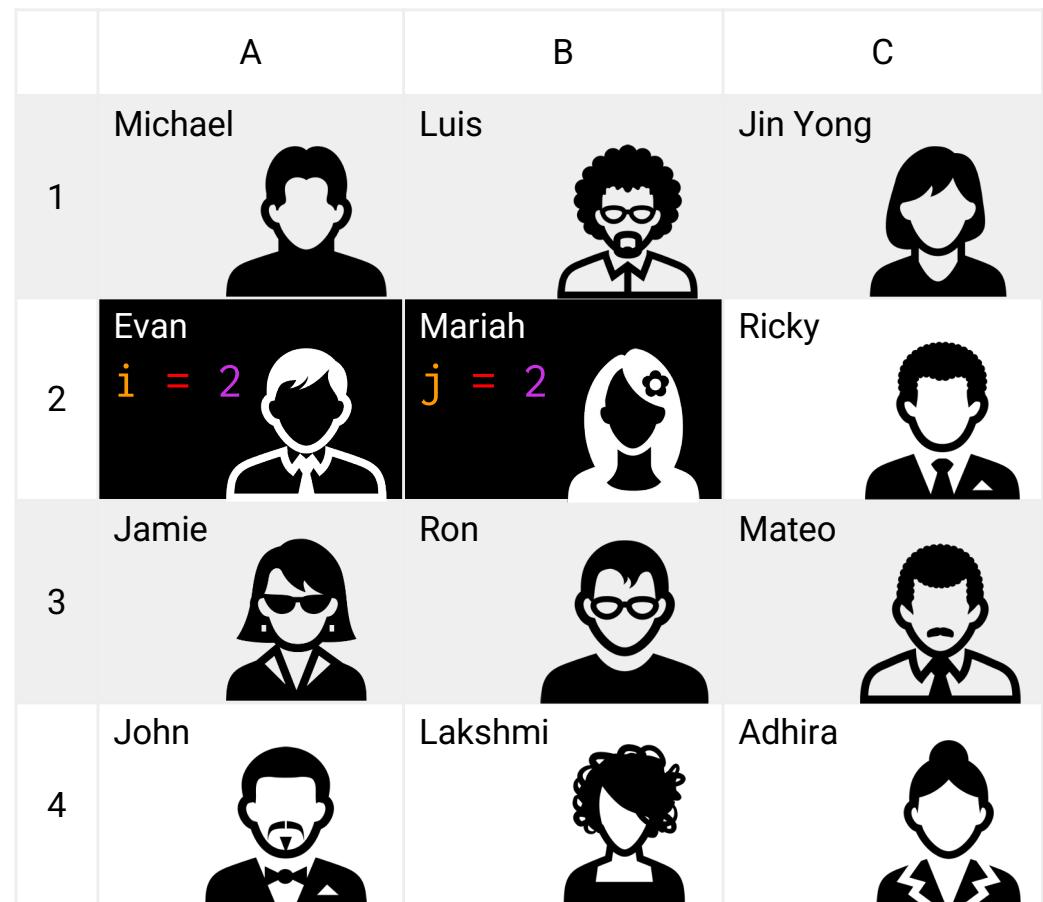
What Will This Code Do?

When:

i = 2 j = 2

```
Sub QuickLoop()
    For i = 1 to 4
        For j = 1 to 3
            MsgBox(Cells(i, j))
        Next j
    Next i
End Sub
```

	A	B	C
1	Michael	Luis	Jin Yong
2	Evan i = 2	Mariah j = 2	Ricky
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira



What Will This Code Do?

When:

i = 2 j = 3

```
Sub QuickLoop()
    For i = 1 to 4
        For j = 1 to 3
            MsgBox(Cells(i, j))
        Next j
    Next i
End Sub
```

	A	B	C
1	Michael	Luis	Jin Yong
2	Evan i = 2	Mariah	Ricky j = 3
3	Jamie	Ron	Mateo
4	John	Lakshmi	Adhira

What Will This Code Do?

When:

i = 3 j = 1

```
Sub QuickLoop()
    For i = 1 to 4
        For j = 1 to 3
            MsgBox(Cells(i, j))
        Next j
    Next i
End Sub
```

	A	B	C
1	Michael	Luis	Jin Yong
2	Evan	Mariah	Ricky
3	Jamie i = 3 j = 1	Ron	Mateo
4	John	Lakshmi	Adhira

Questions?

