

### Learning Goals

1. Practice using loops.
2. Practice keeping track of multiple variables.

### Business Goal

This program will print the multiplication tables. Start by asking the user what size to print to. They should enter a number no bigger than 20 (call it size).

Then the computer should print out, each on its own line, the multiplication facts from  $0 * 0$  to  $\text{size} * \text{size}$ .

Here's a sample run.

```
Welcome to Multiplication Tables

How large would you like to see them? 4

0 * 0 = 0
0 * 1 = 0
0 * 2 = 0
0 * 3 = 0
0 * 4 = 0
1 * 0 = 0
1 * 1 = 1
1 * 2 = 2
1 * 3 = 3
1 * 4 = 4
2 * 0 = 0
2 * 1 = 2
2 * 2 = 4
2 * 3 = 6
2 * 4 = 8
3 * 0 = 0
3 * 1 = 3
3 * 2 = 6
3 * 3 = 9
3 * 4 = 12
4 * 0 = 0
4 * 1 = 4
4 * 2 = 8
4 * 3 = 12
4 * 4 = 16
```