

## QUIZ

Find the Bug: What is incorrect about the code block?

```
for (int i = 10, i >= 0, i--) {  
    std::cout << i << "\n";  
}  
  
std::cout << "Happy New Years!\n";
```

The condition of the **for** loop should be separated by semicolons, not commas.



Good eye!

Which statement is true about **for** loops?

**for** loops always count from 0 upwards.

**for** loops are appropriate when looping a predetermined number of times.



Correct!

**for** loops always run an unknown number of times.

What would be the output of the following code:

```
for (int i = 0; i < 3; i++) {  
    std::cout << i << " ";  
}
```

i i i

0 1 2 3

0 1 2



Correct!

What is the appropriate `while` condition in order to print the numbers 1 through 10?

```
int i = 1;

while (    ) {

    std::cout << i;

    i++;

}
```



You got it!