

# Fizz Buzz

Fizzbuzz is a famous exercise used during interviews to help assess a potential job candidate's ability to think as a programmer. Within Fizzbuzz there are numerous solutions, some are short and others are long. The candidate's ability to provide a solution and in an efficient manner shows that they could:

1. Think for themselves (instead of copying solutions)
2. Problem-solve efficiently
3. The developer's framework and approach

Below are a couple of FizzBuzz examples. Please review all of the following content and complete the Homework Assignment below.

## Examples

TIME : 30 min

### Example 1

- Create a for loop that will allow your terminal to print numbers 1 through 10

CODE

```
for (var counter = 1; counter <= 10; counter = counter + 1 )
{
  // Everything in the code block starting with '{' and
  // ending with '}' will run exactly ten times.
  console.log(counter);
}
```

```
console.log("All done with the loop!");
```

### Example 2

Ask them how they can change the loop to start by printing 4

Solution:

```
for (var counter = 4; counter <= 10; counter = counter + 1 )
{
  // Everything in the code block starting with '{' and
  // ending with '}' will run exactly five times.
  console.log(counter);
}
```

```
console.log("All done with the loop!");
```

### Show quicker solution for Example 1, Instruction 1

```
for (var i=1; i<=10; i++)
{
```

```
// Everything in the code block starting with '{' and
// ending with '}' will run exactly ten times.
console.log(i);
}
```

### **HW ASSIGNMENT**

- Create a for loop that counts from 1 to 25.
- Eliminate the even numbers through the for loop.
- Save the Terminal/Command Prompt file
- Have the file on your computer, ready to show, for the beginning of class.