

Exercise: fizz_buzz

```
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
```

- A classic interview question!
- Write a function that takes a number to go up to
- Then it counts up the numbers
- It prints “Fizz” if the number divides by 3
- It prints “Buzz” if the number divides by 5
- It prints “FizzBuzz” if the number goes into both 3 and 5
- It prints the number in all other cases
- See the example from 1 - 15 on the left
- The modulo operator % sure comes in handy here!

fizz_buzz solution

```
def fizz_buzz(total):  
    for num in range(1, total+1):  
        if num % 3 == 0 and num % 5 == 0:  
            print('FizzBuzz')  
        elif num % 3 == 0:  
            print('Fizz')  
        elif num % 5 == 0:  
            print('Buzz')  
        else:  
            print(num)  
  
fizz_buzz(20)
```

You can also solve it in less code by joining strings together
- I'll leave that as an exercise for you!