

### Challenge 1: Find the Second Largest Element

Write a JavaScript function called `findSecondLargest` that takes an array of numbers as an argument and returns the second largest number in the array. If the array contains duplicate values, consider them as a single value.

```
const numbers1 = [10, 5, 8, 20, 9]; // Second largest: 10
```

```
console.log(findSecondLargest(numbers1)); // Output should be 10
```

```
const numbers2 = [5, 5, 5, 5]; // Second largest: 5
```

```
console.log(findSecondLargest(numbers2)); // Output should be 5
```

```
const numbers3 = [3, 1, 7, 5, 2]; // Second largest: 5
```

```
console.log(findSecondLargest(numbers3)); // Output should be 5
```

## Challenge 2: FizzBuzz

Write a JavaScript function called `fizzBuzz` that takes a number `n` as an argument and prints the numbers from 1 to `n`. But for multiples of 3, print "Fizz" instead of the number, and for multiples of 5, print "Buzz" instead. For numbers that are multiples of both 3 and 5, print "FizzBuzz".

For example, if `n` is 15, the output should be:

1

2

Fizz

4

Buzz

Fizz

7

8

Fizz

Buzz

11

Fizz

13

14

FizzBuzz

### Challenge 3: Prime Number Checker

Write a JavaScript function called `isPrime` that takes a positive integer as an argument and returns `true` if the number is prime, and `false` otherwise. A prime number is a positive integer greater than 1 that has no positive divisors other than 1 and itself.

```
console.log(isPrime(5)); // Output: true (5 is prime)
```

```
console.log(isPrime(10)); // Output: false (10 is not prime)
```

```
console.log(isPrime(17)); // Output: true (17 is prime)
```

Your task is to implement the `isPrime` function

#### Challenge 4: Sum of Even Numbers

Write a JavaScript function called `sumOfEvenNumbers` that takes an array of numbers as input and returns the sum of all even numbers in the array.

```
const numbers1 = [1, 2, 3, 4, 5, 6];
```

```
console.log(sumOfEvenNumbers(numbers1)); // Output: 12 (2 + 4 + 6)
```

```
const numbers2 = [10, 15, 20];
```

```
console.log(sumOfEvenNumbers(numbers2)); // Output: 30 (10 + 20)
```