1. Sum of Two Numbers

- **Exercise**: Write a function that takes two numbers as arguments and returns their sum.
- **Input**:

```
sum(3, 5);
```

- **Expected Output**:

```
8
```

2. Check Even or Odd

- **Exercise**: Write a function that checks whether a number is even or odd.
- **Input**:

```
isEven(4);
isEven(7);
```

- **Expected Output**:

```
true // for 4
false // for 7
```

3. Reverse a String

- **Exercise**: Write a function that takes a string as an argument and returns the string reversed.
- **Input**:

```
reverseString("hello");
```

- **Expected Output**:

```
"olleh"
```

4. Factorial of a Number

- **Exercise**: Write a function that calculates the factorial of a given number.
- **Input**:

```
factorial(5);
```

- **Expected Output**:

```
120
```

5. Find the Largest Number in an Array

- **Exercise**: Write a function that takes an array of numbers and returns the largest number.
- **Input**:

```
findLargest([10, 45, 2, 98, 33]);
```

- **Expected Output**:

```
98
```

6. Palindrome Checker

- **Exercise**: Write a function that checks whether a given string is a palindrome (reads the same forwards and backwards).
- **Input**:

```
isPalindrome("racecar");
isPalindrome("hello");
```

- **Expected Output**:

```
true // for "racecar"
false // for "hello"
```

7. FizzBuzz

- **Exercise**: Write a function that prints numbers from 1 to 100. For multiples of 3, print "Fizz"; for multiples of 5, print "Buzz"; for multiples of both 3 and 5, print "FizzBuzz".
- **Input**:

```
fizzBuzz();
```

- **Expected Output**:

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

8. Sum of an Array

- **Exercise**: Write a function that returns the sum of all elements in an array.
- **Input**:

```
sumArray([1, 2, 3, 4]);
```

- **Expected Output**:

```
10
```

9. Find Vowels in a String

- **Exercise**: Write a function that counts the number of vowels (a, e, i, o, u) in a string.
- **Input**:

```
countVowels("hello world");
```

- **Expected Output**:

```
3
```

10. Check Prime Number

- **Exercise**: Write a function that checks if a given number is prime (a number greater than 1 that has no divisors other than 1 and itself).
- **Input**:

```
isPrime(7);
```

```
isPrime(8);
```

- **Expected Output**:

```
true // for 7
false // for 8
```

11. Remove Duplicates from Array

- **Exercise**: Write a function that removes duplicates from an array.
- **Input**:

```
removeDuplicates([1, 2, 2, 3, 4, 4, 5]);
```

- **Expected Output**:

```
[1, 2, 3, 4, 5]
```

12. Convert Celsius to Fahrenheit

- **Exercise**: Write a function that converts a temperature from Celsius to Fahrenheit.
- **Input**:

```
celsiusToFahrenheit(0);
celsiusToFahrenheit(25);
```

- **Expected Output**:

```
32 // for 0°C
77 // for 25°C
```

13. Find the Length of the Longest Word

- **Exercise**: Write a function that returns the length of the longest word in a given sentence.
- **Input**:

```
longestWordLength("The quick brown fox jumps over the lazy dog");
```

- **Expected Output**:

```
5 // ("jumps" or "quick")
```

14. Capitalize the First Letter of Each Word

- **Exercise**: Write a function that capitalizes the first letter of each word in a given sentence.
- **Input**:

```
capitalizeWords("hello world!");
```

- **Expected Output**:

```
"Hello World!"
```

15. Generate Random Number Between Two Values

- **Exercise**: Write a function that generates a random number between two given numbers.

- **Input**:

  ```
  randomBetween(5, 15);
  ```

- **Expected Output**:

  ```
  (A random number between 5 and 15)
  ```