

# Basic JavaScript Tasks (Functions, Loops, Conditions)

## 1. Even or Odd Checker

Write a function `isEven(num)` that checks if a number is even or odd and logs the result.

Example:

```
function isEven(num) {  
    // your code  
}  
  
isEven(4); // Output: Even  
isEven(7); // Output: Odd
```

## 2. Print Numbers from 1 to N

Write a function `printNumbers(n)` that prints numbers from 1 to `n`.

Example:

```
function printNumbers(n) {  
    // your code  
}  
  
printNumbers(5); // Output: 1 2 3 4 5
```

## 3. Find Maximum of Three Numbers

Write a function `findMax(a, b, c)` that returns the largest number among the three.

Example:

```
function findMax(a, b, c) {  
    // your code  
}  
  
findMax(5, 9, 3); // Output: 9
```

## 4. Sum of First N Natural Numbers

Write a function `sumN(n)` that returns the sum of first `n` natural numbers.

Example:

```
function sumN(n) {  
    // your code  
}  
  
sumN(5); // Output: 15 (1+2+3+4+5)
```

## 5. Check if a Number is Prime

Write a function `isPrime(num)` that checks whether a number is prime.

Example:

```
function isPrime(num) {  
    // your code  
}  
  
isPrime(7); // Output: true  
isPrime(9); // Output: false
```

## 6. Reverse a String

Write a function `reverseString(str)` that returns the reversed string.

Example:

```
function reverseString(str) {  
    // your code  
}  
  
reverseString("hello"); // Output: "olleh"
```

## 7. Count Vowels in a String

Write a function `countVowels(str)` that returns the number of vowels in a string.

Example:

```
function countVowels(str) {  
    // your code  
}  
  
countVowels("Hamid"); // Output: 2
```

## 8. FizzBuzz Problem

Print numbers from 1 to 20. But:

- Print "Fizz" for multiples of 3
- "Buzz" for multiples of 5
- "FizzBuzz" for multiples of both

Example:

```
function fizzBuzz() {  
    // your code  
}  
fizzBuzz();
```