

LAB WEEK 6

WEB DESIGNING

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// Task 1: Working with Variables

```
let myNumber = 10; // Declaring myNumber variable and assigning value 10
```

```
let myString = "Hello, JavaScript!"; // Declaring myString variable and assigning string value
```

```
console.log("My Number:", myNumber); // Printing myNumber variable to the console
```

```
console.log("My String:", myString); // Printing myString variable to the console
```

// Task 2: Exploring Loops

```
console.log("Numbers from 0 to 10:");
```

```
for (let i = 0; i <= 10; i++) { // Loop to print numbers from 0 to 10
  console.log("Current number:", i);
}
```

```
console.log("First 5 multiples of 3:");
```

```
for (let i = 1; i <= 5; i++) { // Loop to print first 5 multiples of 3
  console.log("Multiple of 3:", 3 * i);
}
```

// Task 3: Discovering Functions

```
function addNumbers(num1, num2) { // Function to add two numbers
  return num1 + num2; // Returning sum of num1 and num2
}
```

```
let resultAdd = addNumbers(5, 7); // Calling addNumbers function with arguments 5 and 7
```

```
console.log("Result of adding numbers:", resultAdd); // Printing result of addition to the console
```

```
function multiplyNumbers(num1, num2) { // Function to multiply two numbers
```

```
    return num1 * num2; // Returning product of num1 and num2
```

```
}
```

```
let resultMultiply = multiplyNumbers(3, 4); // Calling multiplyNumbers function with arguments 3 and 4
```

```
console.log("Result of multiplying numbers:", resultMultiply); // Printing result of multiplication to the console
```