

Assignment 2

// Task 1: Declare age and check if adult

```
let age = 25;
```

```
let isAdult = age >= 18;
```

// Task 2: Perform operations with x and y

```
let x = 10, y = 5;
```

```
let addition = x + y;
```

```
let multiplication = x * y;
```

```
let modulus = x % y;
```

// Task 3: Check if a number is even or odd

```
let n = 7; // Example number
```

```
let isEven = n % 2 === 0 ? "Even" : "Odd";
```

// Task 4: Store numbers from 1 to 5 in an array

```
let numbers = [];
```

```
for (let i = 1; i <= 5; i++) {
```

```
    numbers.push(i);
```

```
}
```

// Task 5: Function to return the square of a number

```
function square(num) {
```

```
    return num * num;
```

```
}
```

// Example usage

```
console.log("Age:", age, "Is Adult:", isAdult);  
console.log("Addition:", addition, "Multiplication:", multiplication, "Modulus:", modulus);  
console.log("Number:", n, "is", isEven);  
console.log("Numbers array:", numbers);  
console.log("Square of 4:", square(4));
```