```
> let a = 20;
  let b = 4;
  console.log("Addition:", a + b);
  console.log("Subtraction:", a - b);
  console.log("Multiplication:", a * b);
  console.log("Division:", a / b);
  console.log("Modulus:", a % b);
  console.log("Is 'a' equal to 'b'?", a == b);
  console.log("Is 'a' greater than 'b'?", a > b);
```

Addition: 24   VM113:3

Subtraction: 16   VM113:4

Multiplication: 80   VM113:5

Division: 5   VM113:6

Modulus: 0   VM113:7

Is 'a' equal to 'b'? false   VM113:8

Is 'a' greater than 'b'? true   VM113:9

‹ undefined

```
> let fruits = ["watermelon", "banana", "pineapple"];
  console.log("Array:", fruits);

  // Accessing elements from the array
  console.log("First fruit:", fruits[0]);

  // Modifying items in the array
  fruits[1] = "mango";
  console.log("Modified Array:", fruits);

  // push() - always add to end of the array
  fruits.push("orange");
  console.log("After push:", fruits);

  // pop() - always remove from end
  fruits.pop();
  console.log("After pop:", fruits);

  // length - displays number of items
  console.log("Number of fruits:", fruits.length);
```

Array: ▸ (3) ['watermelon', 'banana', 'pineapple']   VM232:2

First fruit: watermelon   VM232:5

Modified Array: ▸ (3) ['watermelon', 'mango', 'pineapple']   VM232:9

After push: ▸ (4) ['watermelon', 'mango', 'pineapple', 'orange']   VM232:13

After pop: ▸ (3) ['watermelon', 'mango', 'pineapple']   VM232:17

Number of fruits: 3   VM232:20

‹ undefined

```
> function orentiation(user) {
    console.log("hi, " + user + "!");
  }

  orentiation("aishu");


  function multiply(a, b) {
    return a * b;
  }

  let result = multiply(6, 3);
  console.log("Product:", result);


  function welcome() {
    console.log("Welcome aboard!");
  }

  welcome();
```

hi, aishu!   VM318:2

Product: 18   VM318:13

Welcome aboard!   VM318:17

‹ undefined

```
> function comparisionNumbers(x, y) {
    if (x > y) {
      return x + " is greater";
    } else if (x < y) {
      return y + " is greater";
    } else {
      return "Both are equal";
    }
  }

  console.log(comparisionNumbers(11, 21));
  console.log(comparisionNumbers(10, 10));
```

21 is greater   VM325:11

Both are equal   VM325:12

‹ undefined

>

```
> function Items(list) {
    let index = 1;
    for (let item of list) {
        console.log(`Element ${index}: ${item}`);
        index++;
    }
}

let cars = ["suv", "audi", "benz"];
Items(cars);
```

Element 1: suv   VM359:4
Element 2: audi   VM359:4
Element 3: benz   VM359:4
< undefined
>