In JavaScript, a **function** is a block of reusable code designed to perform a particular task. You can call (or invoke) the function whenever you want to run that code.

**🔹 Basic Syntax**

function functionName(parameters) {

// code to be executed

}

**🔹 Example**

function greet(name) {

console.log("Hello, " + name + "!");

}

greet("Sanjib"); // Output: Hello, Sanjib!

**🔹 Key Points:**

1. **Declaration**: Defined using the function keyword.
2. **Parameters**: Input values the function can accept.
3. **Return value**: You can return a value using the return statement.

function add(a, b) {

return a + b;

}

let result = add(3, 5); // result = 8

**🔹 Types of Functions**

1. **Function Declaration**

function sayHi() {

console.log("Hi!");

}

1. **Function Expression (Anonymous Function)**

const sayHi = function() {

console.log("Hi!");

};

1. **Arrow Function (ES6+)**

const sayHi = () => {

console.log("Hi!");

};