1. Functions in JavaScript

Functions are reusable blocks of code that perform a specific task. Functions can be declared or assigned to variables.

```
function greet() {
  console.log("Hello!");
}

const sayHi = function() {
  console.log("Hi!");
};

const arrowGreet = () => {
  console.log("Greetings!");
};
```

2. Function Arguments & Return

Functions can accept arguments and return values.

```
function add(a, b) {
  return a + b;
}

console.log(add(3, 4)); // 7
```

3. Scope in JavaScript

Scope determines where variables are accessible. JavaScript has global, function, and block scope.

```
let globalVar = "I am global";

function testScope() {
  let localVar = "I am local";
   console.log(globalVar); // Accessible
   console.log(localVar); // Accessible
}

testScope();
// console.log(localVar); // Error: not defined
```

4. Hoisting

JavaScript moves declarations to the top of the scope during execution. This is called hoisting.

```
greet(); // Works due to hoisting
```

JavaScript Functions, Arguments, Scope & Hoisting

```
function greet() {
  console.log("Hello");
}

// This won't work:
console.log(msg); // undefined
var msg = "Hi";
```