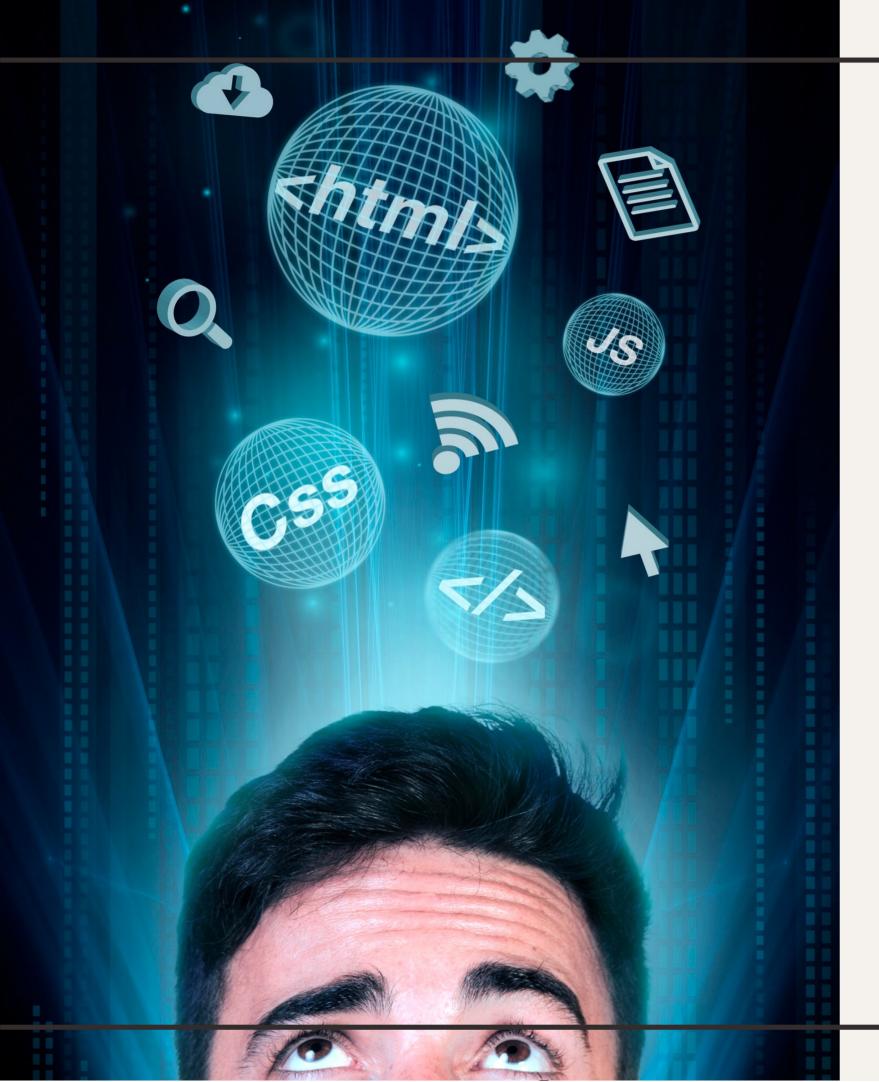
## Javascript Arrays and Hoisting



Introduction to JavaScript Arrays

Arrays are essential for storing and manipulating **collections** of data.

## Array Methods Overview

JavaScript provides numerous **methods** to work with arrays, such as **push**, **pop**, **shift**, and **unshift**. Understanding these methods is crucial for effective data manipulation. We will dive into their usage and demonstrate how they can simplify your programming tasks.

```
const fruits = ["Banana", "Orange", "Apple", "Mango"];
    fruits.push("Kiwi";
```

const fruits = ["Banana", "Orange", "Apple", "Mango"];
 fruits.unshift("lemon");

const fruits = ["Banana", "Orange", "Apple", "Mango"];
let size = fruits.length;

const myGirls = ["Cecilie", "Lone"];
const myBoys = ["Emil", "Tobias", "Linus"];
const myChildren = myGirls.concat(myBoys);

## Variable Hoisting in JS

Hoisting is the default behavior in JavaScript where variable and function declarations are moved to the top of their respective scopes during the compilation phase.

```
console.log(name); // undefined
  var name = 'Harsh';
```