Question 1: What is an array in JavaScript? How do you declare and initialize an array?

Answer:
An array is a **list of values** stored in a single variable.
You can store multiple items like names, numbers, fruits, colors, etc.

Example items in a list:
"apple", "banana", "orange"

How to Declare an Array

1. Using square brackets

let fruits = ["apple", "banana", "mango"];

2. Empty array

let numbers = [];

3. Array with mixed data

let details = ["Anshu", 20, true];

Arrays store multiple values in one place.

Question 2: Explain the methods push(), pop(), shift(), and unshift() used in arrays.

These are **array operations** to add or remove items.

push()

Adds an item at the **end** of the array.

let fruits = ["apple", "banana"];

fruits.push("mango");

pop()

Removes the **last** item.

fruits.pop();

shift()

Removes the **first** item.

fruits.shift();

unshift()

Adds an item at the **start**.

fruits.unshift("grapes");