1. State the different features of Javascript? Explain any two in details.
2. Explain with syntax the different types of comments supported in JS.

**Features of JavaScript:**

1. Dynamic Typing
2. First-Class Functions
3. Event-Driven and Asynchronous
4. Platform Independent (Cross-browser compatible)
5. Client-Side Validation

1. **Dynamic Typing:**

JavaScript does **not require variable types to be declared explicitly**. The type is determined automatically based on the value assigned.

2. **First-Class Functions:**

Functions in JavaScript are **treated as first-class citizens**, meaning:

* You can assign functions to variables.
* You can pass functions as arguments to other functions.
* You can return functions from other functions.

JavaScript supports **two types of comments**:

### 1. **Single-Line Comment:**

Starts with //. Everything after // on that line is ignored.

let x = 10; // This is also a single-line comment

/\*

This is a multi-line comment

It can span multiple lines

\*/

let y = 20;