

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.
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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;
```