**What is JavaScript (JS)?**

JavaScript is a programming language that helps make websites interactive. Without JavaScript, websites can only show text and images but cannot respond to your actions like clicking buttons or filling forms.

**Why do we use JavaScript?**

We use JavaScript to make web pages do things like:

* Show or hide things when you click buttons
* Create animations
* Check if you filled a form correctly before sending it
* Load new information without refreshing the whole page

**When do we use JavaScript?**

We use JavaScript whenever we want to make a website interactive or do something automatically without making you reload the page.

**Where do we use JavaScript?**

JavaScript runs inside your web browser (like Chrome or Firefox), so it works on almost every website you visit. It can also run on servers, but mostly it is used to make websites fun and easy to use.

**Types of JavaScript**

JavaScript itself is one language, but you can use it in many ways:

* In the browser (client-side) to make websites interactive
* On servers (server-side) using tools like Node.js
* With frameworks (special tools) like React or Angular to build bigger apps

**What happens on a webpage when JavaScript runs?**

* The webpage can change without reloading (like showing/hiding parts)
* You can click buttons and the page will respond immediately
* Forms can check your input quickly
* Animations and games can work smoothly

**Without JavaScript, which other languages are used in frontend?**

* HTML — to create the structure of the page (text, images, links)
* CSS — to make the page look pretty with colors and layouts