**JavaScript** is the programming language of HTML and the Web. JavaScript, often abbreviated (viết tắt) as JS, is a high-level, interpreted (giải thích) scripting language that conforms to the ECMAScript specification. JavaScript has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.

What is JavaScript and why it is used?

**JavaScript** is most commonly used as a client side scripting language. This means that JavaScript code is written into an HTML page. When a user requests an HTML page with JavaScript in it, the script is sent to the browser and it's up to the browser to do something with it.

What You Can Do with JavaScript

There are lot more things you can do with JavaScript.

1. You can modify ( sửa đổi) the content of a web page by adding or removing elements.
2. You can change the style and position of the elements on a web page.
3. You can monitor events like mouse click, hover, etc. and react to it.
4. You can perform( thực hiện, biểu diễn) and control transitions and animations.
5. You can create alert pop-ups to display info or warning messages to the user.
6. You can perform operations based on user inputs and display the results.
7. You can validate user inputs before submitting it to the server.