

## What are JavaScript advantages

- **Fast speed:** JavaScript is executed on the client side that's why it is very fast.
- **Easy to learn:** JavaScript is easy to learn. Any one which have basic knowledge of programming can easily learn JavaScript.
- **Versatility:** It refers to lots of skills. It can be used in a wide range of applications.
  - **Browser Compatible:** JavaScript supports all modern browsers. It can execute on any browser and produce same result.
- **Server Load:** JavaScript reduce the server load as it executes on the client side.
- **Rich interfaces:** JavaScript provides the drag and drop functionalities which can provides the rich look to the web pages.
- **Popularity:** JavaScript is a very popular web language because it is used every where on the web.
  - **Regular Updates:** JavaScript updated annually by ECMA.
- **Interoperability** – Because JavaScript seamlessly integrates with other programming languages, many developers favour using it to create a variety of applications. Any webpage or the script of another programming language can contain it.

## JavaScript Disadvantages

- **Cannot Debug** – Although some HTML editors allow for debugging, they are not as effective as editors for C or C++. Additionally, the developer has a difficult time figuring out the issue because the browser doesn't display any errors.
- **Unexpected stop of rendering** – The website's entire JavaScript code can stop rendering due to a single error in the code. It appears to the user as though JavaScript is absent. The browsers, however, are very forgiving of these mistakes.
- **Client-side Security** – The user can see the JavaScript code; it could be misused by others. These actions might involve using the source code anonymously. Additionally, it is very simple to insert code into the website that impair the security of data transmitted via the website.

- **Inheritance** – JavaScript does not support multiple inheritance; only one inheritance is supported. This property of object-oriented languages might be necessary for some programmes.
- **Browser Support** – Depending on the browser, JavaScript is interpreted differently. Therefore, before publication, the code needs to run on various platforms. We also need to check the older browsers because some new functions are not supported by them.