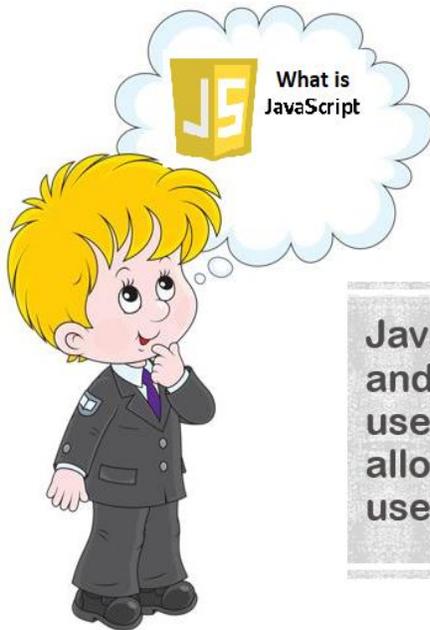# JavaScript

What is JavaScript

JavaScript is the programing language of HTML and the Web. It is lightweight and most commonly used as part of web pages that implementations allow client-side scripting to interact with the user And make dynamic pages.
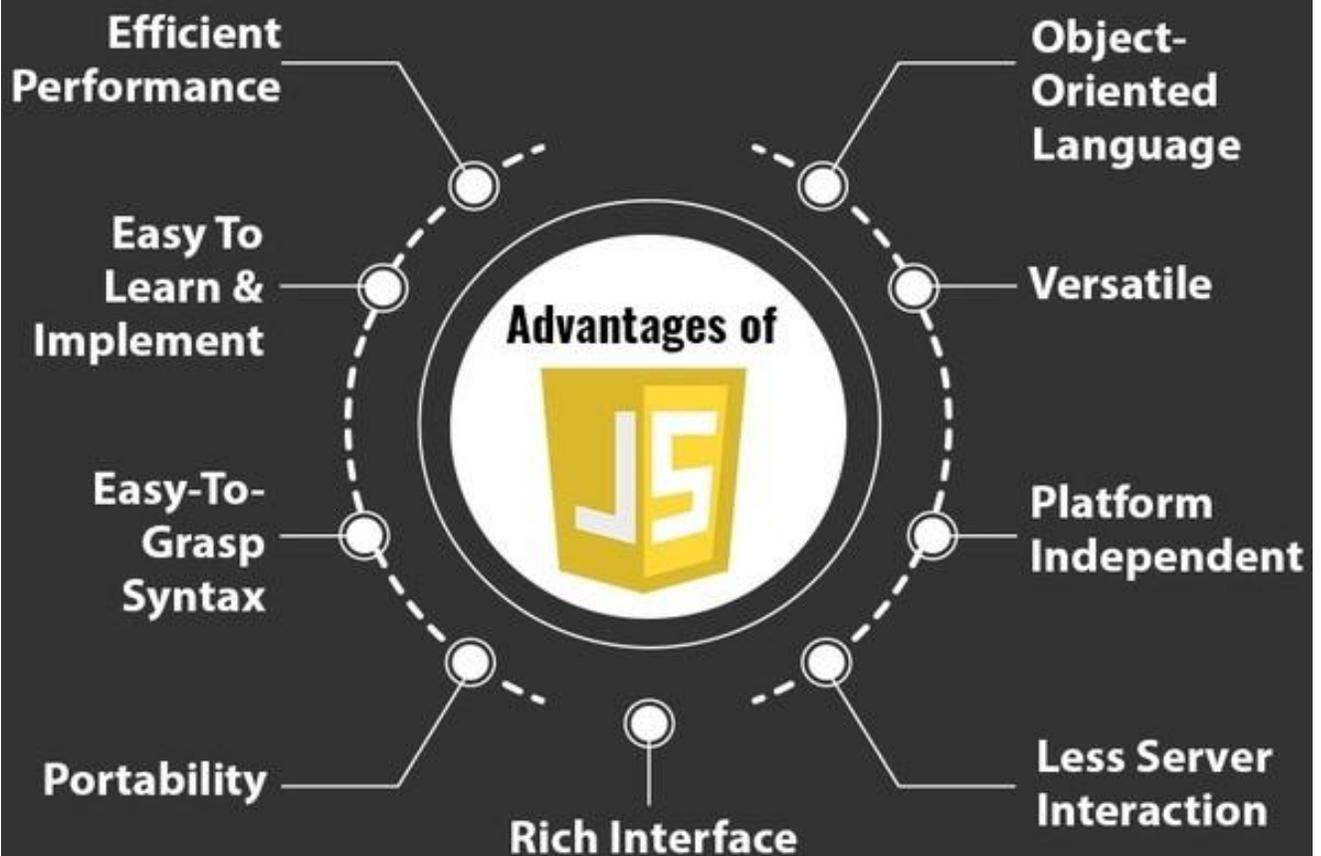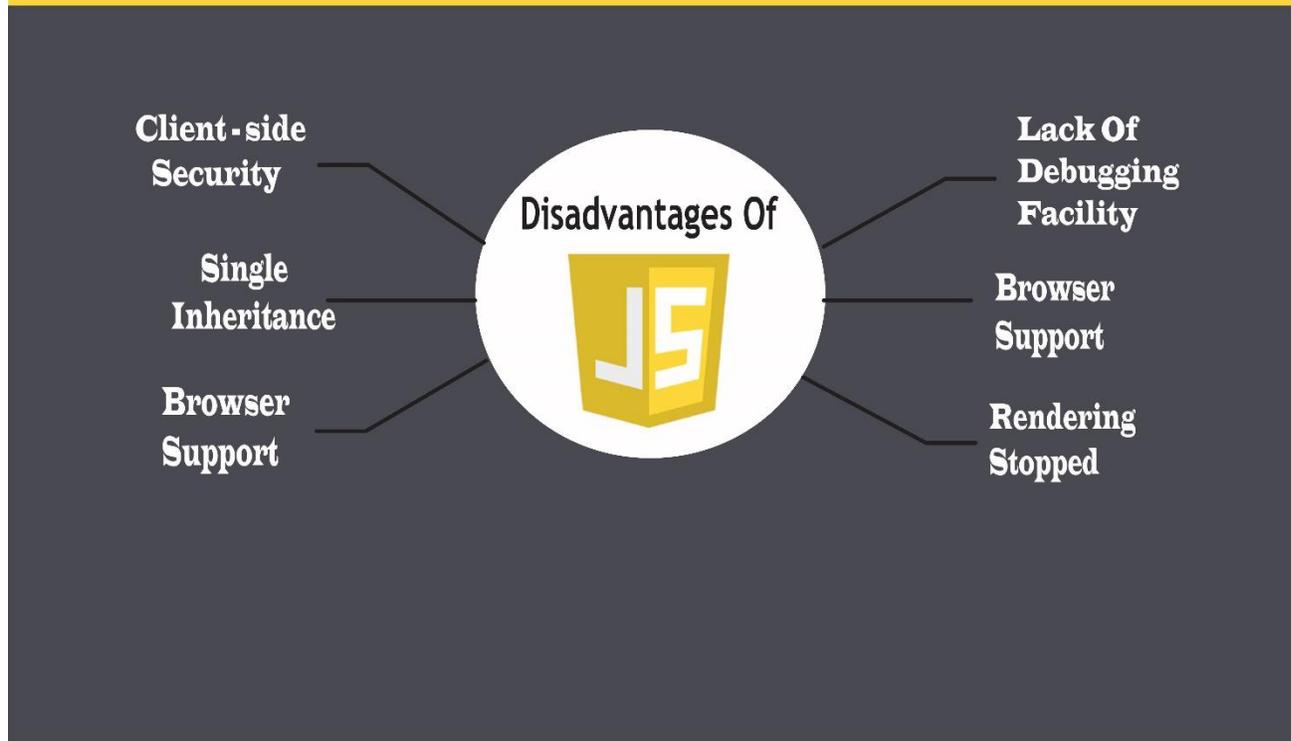
Why is it called JavaScript?

When JavaScript was created ,it initially had another name: "LiveScript". In that time Java was very popular, so it was decided that positioning a new language as a "younger brother" of Java would help.

But as it developed, JavaScript became a completely independent language with its own specification called ECMAScript, and now it has no association at all with Java.

ADVANTAGES OF JAVASCRIPT

Efficient Performance

Easy To Learn & Implement

Easy-To-Grasp Syntax

Portability

Rich Interface

Object-Oriented Language

Versatile

Platform Independent

Less Server Interaction

Advantages of

DISADVANTAGES OF JAVASCRIPT

Client-side Security

Single Inheritance

Browser Support

Disadvantages Of

Lack Of Debugging Facility

Browser Support

Rendering Stopped

Great things about JavaScript:

- Simple things are simply done.

- Java and JavaScript languages are distinct and differ significantly in design.

- All major browsers are supported and embedded by default.

- Like all other scripting languages, a brief shortcut syntax can be used to construct arrays and objects. The JSON data format is based on these literals.

Why we need JavaScript?

CSS informs the user how the content should be laid out and designed to look great.HTML informs a browser what content should be shown on your web pages. JavaScript controls the page's behavior. All the popups, cool transitions, scrolling animations, and other attractive aspects of modern websites are created using JavaScript.