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JS



About Topic

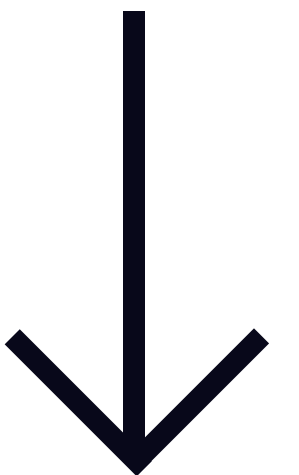
What we learn?

1. What is JavaScript?
2. History of JavaScript.
3. ES5 & ES6 Concept Diff.



What is JavaScript?

JavaScript is a dynamic computer programming language. It is lightweight and most commonly used as a part of web pages, whose implementations allow client-side script to interact with the user and make dynamic pages. It is an interpreted programming language with object-oriented capabilities.



History Of JavaScript

- JavaScript invention was a competition with Microsoft's Internet Explorer.
- In 1995 Brenden Eich developed JavaScript for Netscape in 10 days.
- JavaScript was first introduced in 1995 as a part of the Netscape Navigator 2.0 browser. It was initially used to add simple functionality to web pages, such as form validation and image rollovers.



History Of JavaScript

- In 1996, Netscape submitted JavaScript to the European Computer Manufacturers Association (ECMA) as a proposed standard, and it was standardized as ECMAScript.
- This standardization allowed other companies to create JavaScript engines and implement the language in their own products.
- The very first name of JavaScript was 'Mocha'. Next, the name changed to 'LiveScript' and then 'JavaScript'.



History Of JavaScript

- Netscape approached Brenden Eich to develop a speedy programming language than Java. Hence the business tactic named the language JavaScript.
- ECMA changed JavaScript to ECMAScript or ECMA 262. However, JavaScript is still JavaScript.



ES5 & ES6 Concept Diff.

ES5	ES6
It was introduced in 2009.	It was introduced in 2015.
In ES5, we could only define the variables by using the var keyword.	In ES6, there are two new ways to define variables that are let and const.
ManipulationES5 is time-consuming than ES6.	Due to destructuring and speed operators, object manipulation can be processed more smoothly in ES6.
In ES5, both function and return keywords are used to define a function.	define a function.An arrow function is a new feature introduced in ES6 by which we don't require the function keyword to define the function.



For Knowledge

These are JS Engines of Browsers

Chrome(V8)



Mozilla(Spidermonkey)



Edge(Chakra)



Safari(Javascript Core)



Thank you!

Any questions?



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