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|  | JavaScript notes | | | | | | | |
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|  |  | **History of JavaScript** | | |  | |  |  |
|  |  | JavaScript was developed by **Brendan Eich in ten days,** May 1995 while he was working at Netscape Communications Corporation. Initially, it was called "Mocha" and then "Live Script" before being renamed JavaScript. JavaScript was initially implemented in Netscape Navigator, which was the most popular browser at the time. After Netscape handed JavaScript over to ECMA, the Mozilla foundation continued to develop JavaScript for the Firefox browser. | | |  | |  |  |
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|  |  | **Definition of JavaScript** | | |  | |  |  |
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|  |  | JavaScript is a client site language and server side language in server side language that is called node Js , node js is a environment provide which JavaScript code runs and execute, JavaScript is dynamic type language and event -driven and object based language and object oriented language.  JavaScript is a not type safed language, JavaScript is scripting type language which is used web application, window application, website, JavaScript is not directly run on browser that runs through html , JavaScript manipulation only html page which create interactive and dynamic website. JavaScript is single thired language and it is a interpreted language and compiler language. | | |  | |  |  |
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|  |  | | **How many types of ways to define variable** | |  | |  |  |
|  |  | |  | | | | |  |
|  |  | | there are 3 ways define of variable in JavaScript,  1) var is global and function scope , | |  | |  |  |
|  |  | | 2) let const is local scope and global scope we can define | |  | |  |  |
|  |  | | **Data type in JavaScript** | |  | |  |  |
|  |  | | basically in JavaScript there are 8 types data type | |  | |  |  |
|  |  | |  | |  | |  |  |
| 1 |  | | String | |  | |  |  |
| 2 |  | | Number | |  | |  |  |
| 3 |  | | Bigint | |  | | |  |
| 4 |  | | Boolean | |  | | |  |
| 5 |  | | Undefined | |  | | |  |
| 6 |  | | Null | |  | | |  |
| 7 |  | | Symbol | |  | | |  |
| 8 |  | | Object | |  | |  |  |
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|  |  | | **Array in JavaScript** | |  | | |  |
|  |  | | Array in JavaScript like a object which we can store in data of array both type similar type of data or not because JavaScript is not safe type language | |  | | |  |
|  |  | | **create array in JavaScript** | |  | | |
|  |  | | array method and object | |  | | |  |
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|  |  | | then method :- | |  | |  |  |
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| 1 |  | | [ ] create empty array like let array=[ ] | |  | |  |  |
| 2 |  | | [ ] create parameter array like let array=[ 20,25,"abhishek",20.5] //not a similar type of data in this array | |  | |  |  |
| 3 |  | | [ ] create array new keyword let array = new array(); | |  | |  |  |
| 4 |  | |  | |  | |  |  |
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