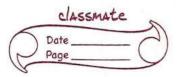


J&V&SCRIPT HANDWRITTEN

NOTES

Prepared by:





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JavaScript is used to Create Client-side dynamic pages. Java Script is an object-based scripting language which is lightweight and cross-platform. Java Script is not a compiled language, but it is a translated language. The Java Script Translator is responsible for translating the Java Script Code for the web browser.

What is JavaScript

Java Screipt, is a light-weight object-Oriented programming language which is used by several websites for scripting the webpages. It is an interpreted, full-fledged programming language that enables dynamic interactivity on websites when applied to an HTML document. Java script has no connectivity with Java programming language. The name was suggested and provided in the times when Java was gaining popularity in the market. In addition to web browsers, databases such as Couch DB and Mongo. DB uses Java Script as their scripting and query language. language

Features of Javascript

All popular web browsers support Javascript as they provide built-in execution environments.

Javascript follows the syntax and structure of the C programming language. Thus, it is a structured programming language.

3. Javascript is a weakly typed language, where ceptain types are implicitly cost.

4. JavaScript is an object-oriented programming lang-uage, wherever it is also use as prototypes pather than using classes for inheritance

5. It is a lighteneighted and interpreted language.

6 It is a case - sensitive language.

7. Javascript is supportable in several operating

systems including. Windows, macos, etc.

8. It provides good control to the users over the web browsers.

History of Javascript

In 1993, mosaic, the first popular web browser, come into existence. In the year 1994. Netscape was founded by Marc Andreessen. He realized that the web needed to become more dynamic. Thus, a 'glue language' was believed to be provided to HTMT to make web designing easy for designers and part-time programmers. Consequently, in 1995, the company recruited Brendan Eich intending to implement and embed scheme programming language to the browser But before
Brendan Could Start, the Company merged with Sun
Microsystems for adding Java into its Navigator
So that it could compete with Microsoft over the web technologies and platforms. Now, two longuages were there: Java and the scripting language.
Further Netscape decided to give a similar name. to the scripting language as Java's. It led to 'Javascript'