

Language Assignment

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Overview of **JavaScript**

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History of JavaScript

- Developers of the first popular web browser “Mosaic”, after founding “Netscape” corporation, wanted to create a more polished web browser called “Netscape navigator”.
- Collaborating with Sun Microsystems also with the help of an employee they decided to create a new language with syntax similar to Java, this therefore will help the browser to be more animative and non static.
- This gave the idea for creation of **JavaScript**.

Fundamental Frontend web development languages:

- **HTML** : Acts as a skeletal structure of a website
- **CSS** : For formatting, presentation, layouts of a website
- **JavaScript** : Used to create websites that respond to user's commands and movements.

Eg. : pop up menu when some keyboard button is clicked,
play preview when cursor hovers over video,
capture clicks from mouse.

Where does JS code run?

- JS code was designed to be run on browsers.
- Every browser has a JS Engine where the code can be run,
Eg. Chrome: v8
Firefox: SpiderMonkey
- **Node**: C++ program where v8 is embedded into so JS code can be run w/o a browser.

Console.log("Hello World");

- Used to log a statement "Hello World" on the console of the browser.
- Console refers to CLI in browser that executes codes.

```
1  <!DOCTYPE html>
2  <html>
3    <head>
4      <title>Presentation</title>
5      <body>
6        <script>
7          console.log("Hello World")
8        </script>
9      </body>
10   </head>
11 </html>
```

JS Code

