Introduction to Javascript

The nightmare begins...

JavaScript

- JavaScript was invented by Brendan Eich in 1995, and became an ECMA standard in 1997.
- ECMA-262 is the official name of the standard.
- ECMAScript is the official name of the language.
- Currently JavaScript is a dialect of ECMAScript developed by Mozilla
- JScript is a dialect of ECMAScript developed by Microsoft, it add support for ActiveX objectJScript is a dialect developed by Microsoft
- Javascript and Java are different languages.
  - https://www.w3schools.com/js/
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Supported versions

- Different browser have different engine in order to process javascript code
- Thus different browser can correctly parse diffferent version of javascript.
- In order to mantains the best portability of your code, you have to stay on the best supported standard, currently ECMAscript 5

Use ECMAScript 5 standard !

Document Object Model

- The main data structure manipulated by Javascript is the Document Object Model (DOM).
- The W3C Document Object Model is a platform and language-neutral interface that allows programs and scripts to dynamically access and update the content, structure, and style of a document.

Document Object Model

♦ The HTML DOM model is constructed as a tree of Objects: