JavaScript

* The programming language that every browser uses.
  + Front-end programming languages
    - JS
    - JS
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* JS has a lot of weird quirks and rules.
* Brendan Eich developed the language in about 9 days.

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| Java | JavaScript |
| Ham | Hamster |
| Strongly and statically typed | Dynamic and loosely typed |
| Compiled | Interpreted |
| Server side | Client side (node.js is a backend for JS) |
| Scalability | Flexibility |
| 99% OOP | Mostly Functional (multi-paradigm) (derisively cake-salad) |
| Access Modifiers | No Access modifiers |
| Multi-threaded | Asynchronous language |
| No global scope | Global scope |
| Automatic Memory Management | Automatic Memory Management |
| Pass by value | Pass by value (finer points with objects) |
| Java 8 most popular Java | ES6 latest extant |
| Controlled by Oracle | Language implementation of EcmaScript |