FE101

JavaScript: Variables and Functions

What is JavaScript?

- A client-side scripting language

- Meant to run entirely on the user's browser

- Defined by the ECMAscript standard, published by the ECMA foundation

- JavaScript != Java

Main uses of JavaScript

● Originally used to handle simple tasks like on-screen calculations

● Can be used to manipulate objects on the page that are in the DOM (Document Object Model)
  ○ Show and Hide elements
  ○ animate elements
  ○ replace elements with other elements
  ○ make requests to the server without reloading the page

http://www.teaching-materials.org/javascript/#lesson1

Writing and running JavaScript

- Use your text editor of choice to write .js files

- Save them and include them in your HTML to run them

```
<script>
  alert("hi!");
</script>
```

or

```
<script src="myscript.js"></script>
```