eye square
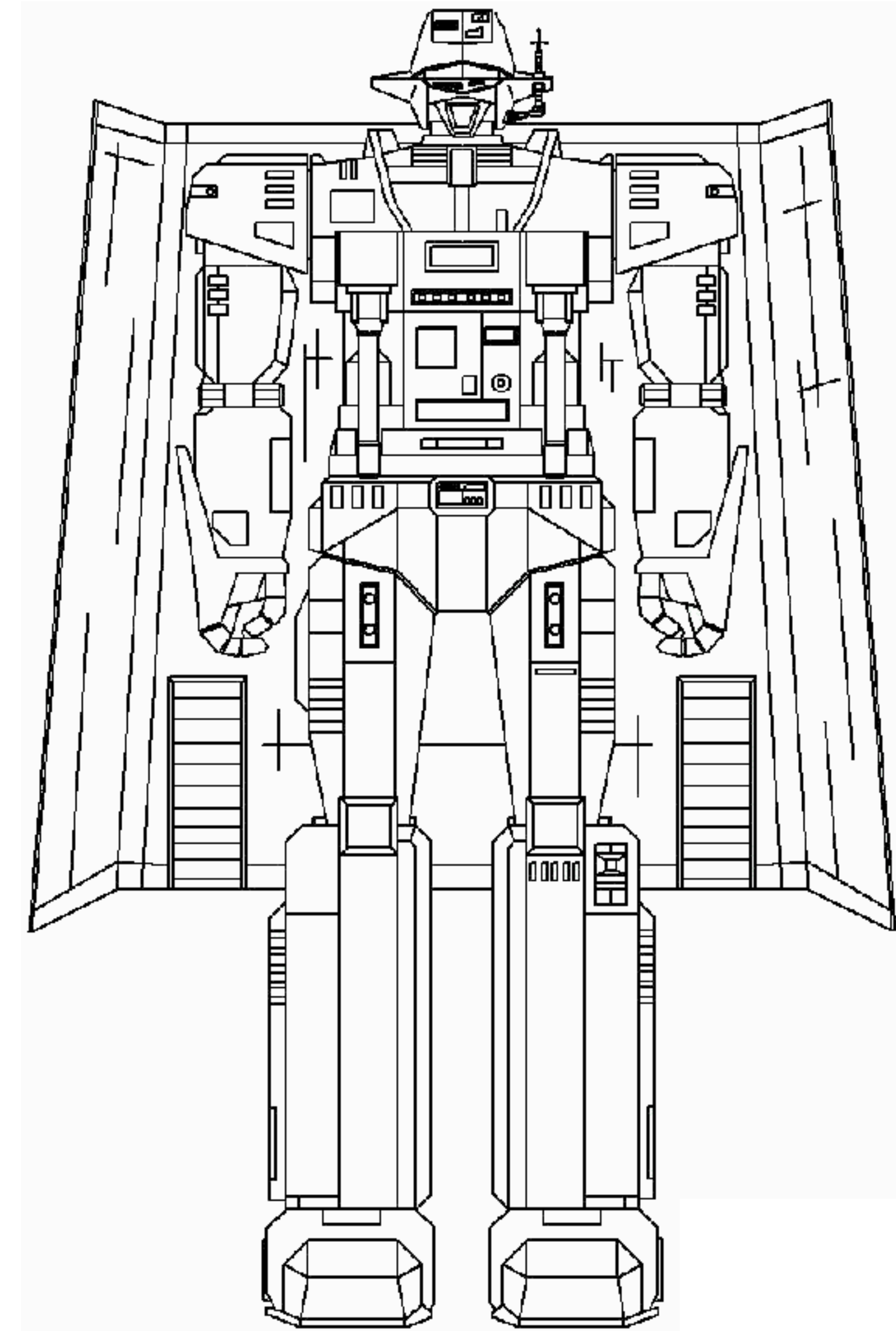
e2 code lab - 001

console.log('hello world');

next 60 mins

1. short history of javascript
2. overview of tools
3. write our first program
4. learn what functions and variables are
5. create our first website

javascript (ecmascript)

history

1. developed by Netscape/Mozilla

2. first appeared in 1995

3. the language of the web

4. latest version: es8/ecmascript 2017

features

1. script language

2. object oriented, prototype based
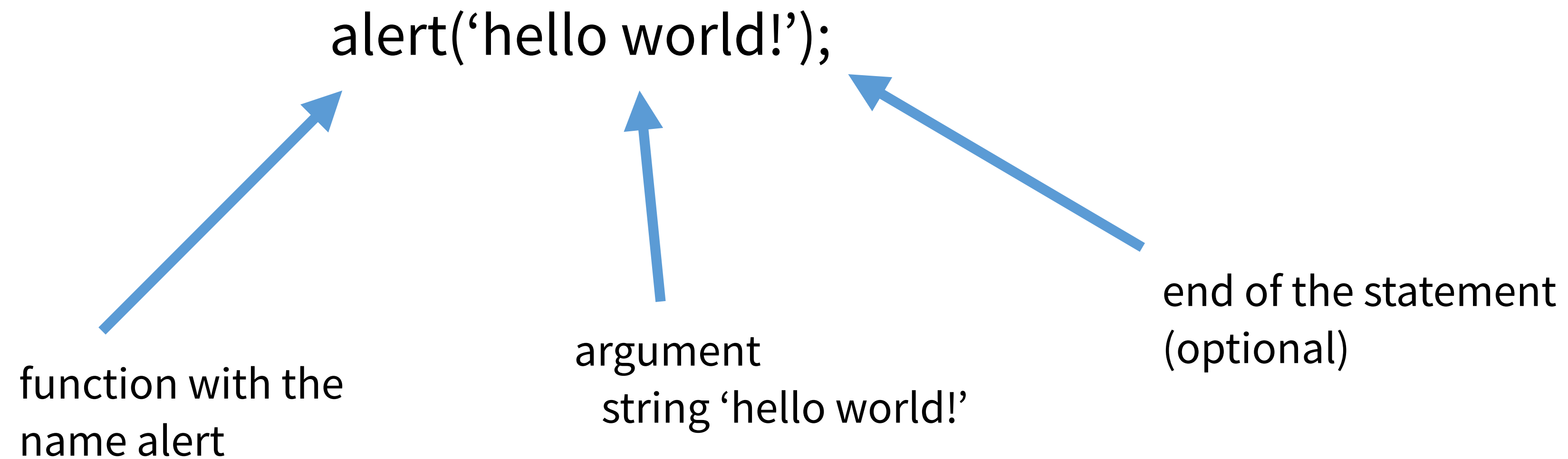
3. event driven

useful tools and sites

tools

1. chrome devtools (part of chrome)

2. atom text editor https://atom.io/

3. open source libraries https://www.npmjs.com/

4. code for this tutorial https://github.com/eye-square/code-lab

5. terminal

sources and tutorials

1. https://www.codeschool.com/

2. https://stackoverflow.com/

3. https://developer.mozilla.org/en-US/docs/Web/
   JavaScript/Reference

our first program

alert('hello world!');

function with the
name alert

argument
string 'hello world!'

end of the statement
(optional)

our first website

js — logic

html — structure and content
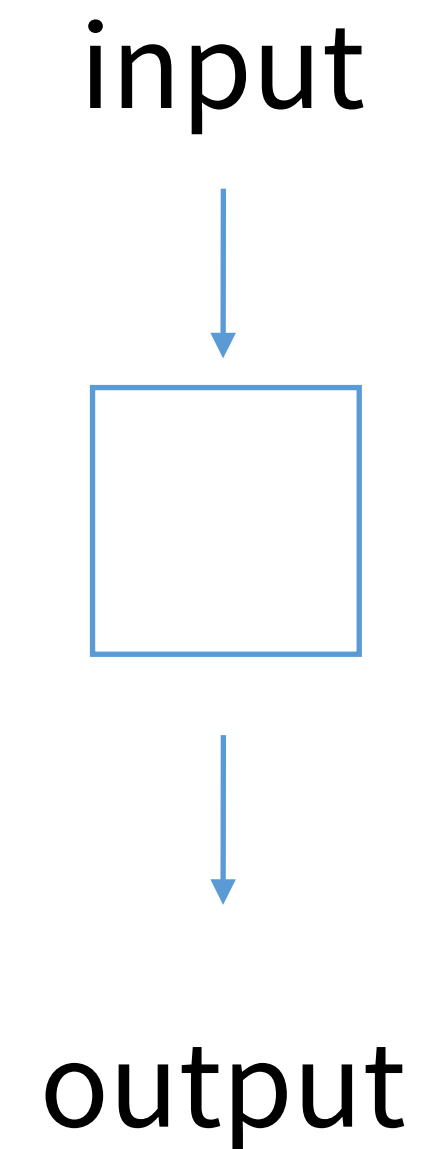
css — design and layout
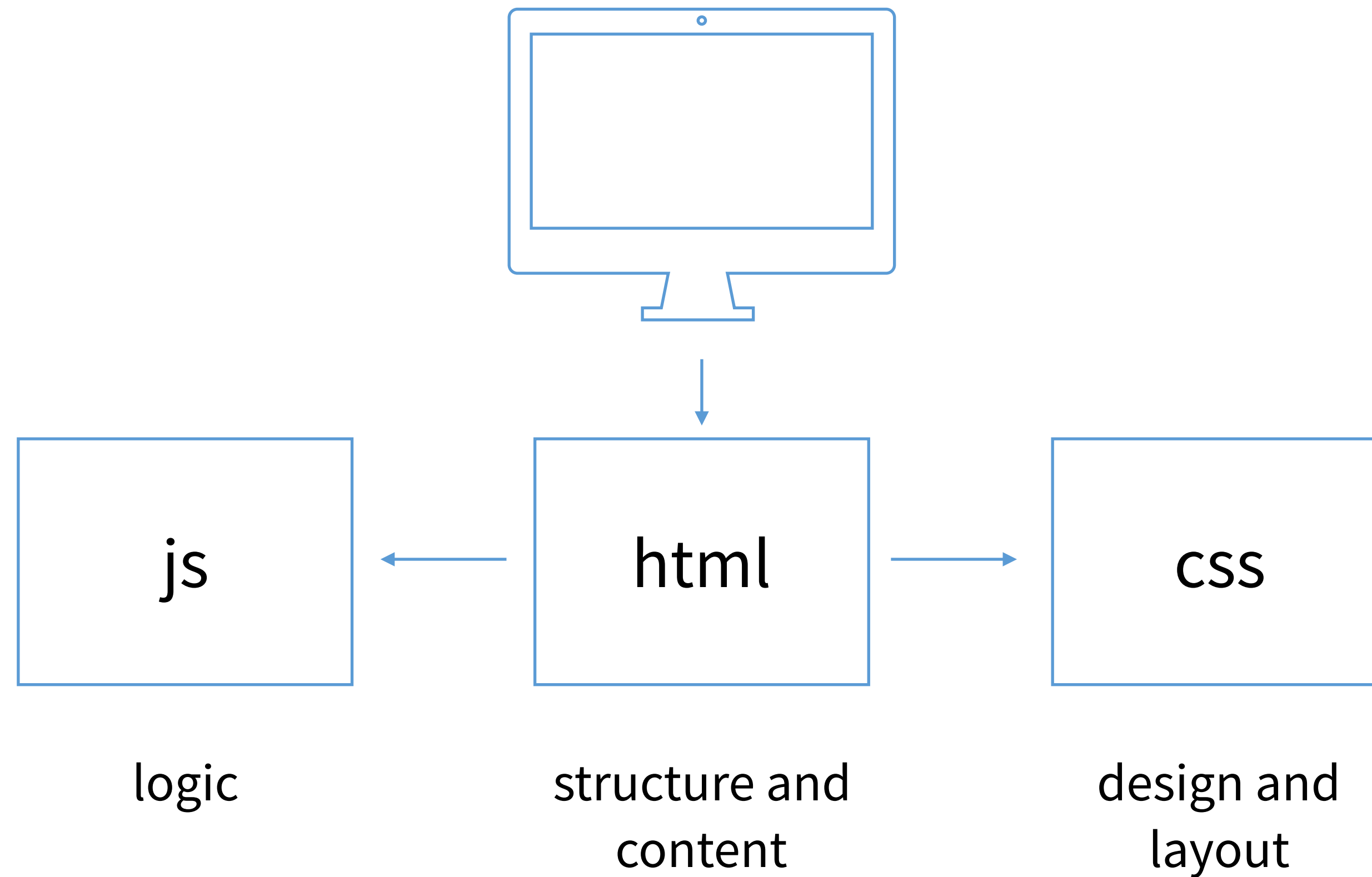
js: functions, operators and variables

input

↓

□

↓

output

- variables are things you can store stuff in
- function is a set of instructions
- operator is an instruction applied on one ore more variable
- instruction is a combination of operators and/or statements

discussion