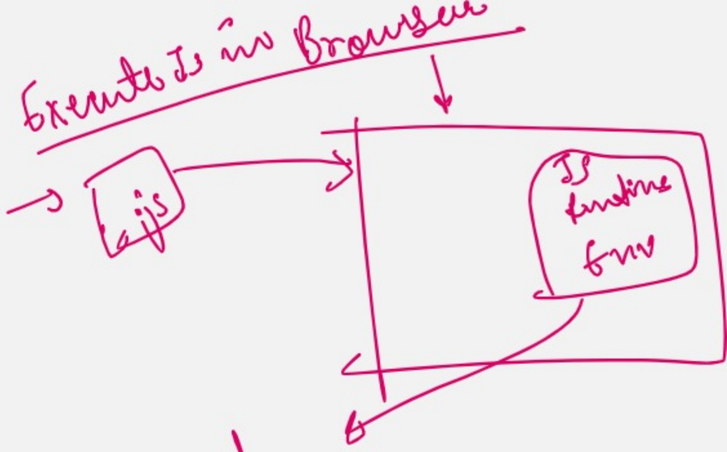
Execute JS in Browser



→ google chrome
→ microsoft Edge
↳ opera
↳ safari

JS → NodeJS

Web browser

How to execute?

compile → java, C++, C
↳ pointers

JS ① prog. language of Web (Frontend)
② scripting language

scripting (interpreted) → executes line by line
↳ runtime

M-1

③ Programming fundamentals
↳ variables
↳ datatypes
↳ operators
→ functions
→ loops
↳ nested and stacked

④ Dynamic (changing, updating)
Interactive

⑤ Synchronous & single-threaded

⑥ case-sensitive

declaration variables → containers for storing data

var Img = "—"

→ unique name
→ memory space (RAM)

Boxes

Tea/Coffee

Sugar

A

variable name | name

value fractional

var [random]

crystal form → cube

Datatype

Primitive
↳ String ("" or '')
↳ number (digits)
↳ Boolean (T or F)
↳ null
↳ undefined

Non-primitive
→ Arrays
→ objects