

2 video

## # How JS work & Execution Context

→ Everything in JS happens inside execution context.

Execution Context → Inside a container/Big box

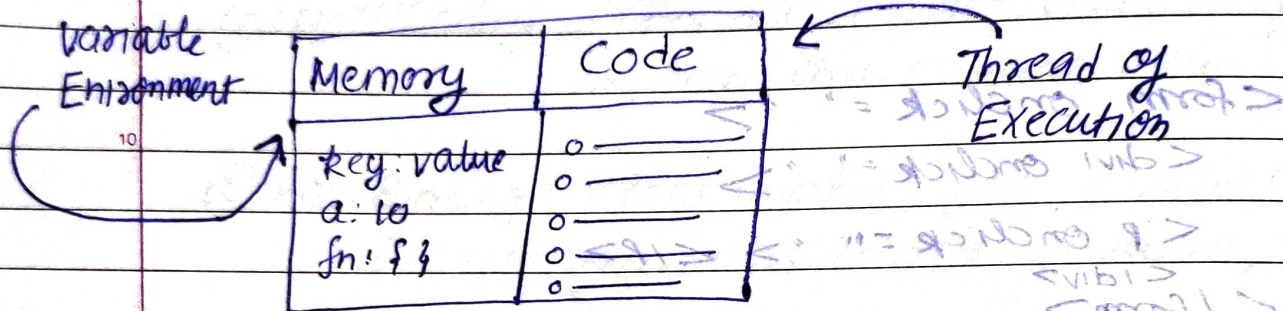
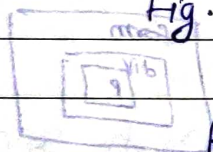


Fig. JS Execution context



### Execution Context

#### Memory Component

- It's also known as variable environment.
- It is a sort of environment in which all the variable & function are stored as the key value pairs

#### Code Component

- It is also known as thread of execution.
- It executed a line at a time.

JavaScript is a synchronous single-threaded language

- In a specific order

- can execute single line at a time
- goes to next line only which current line is executed