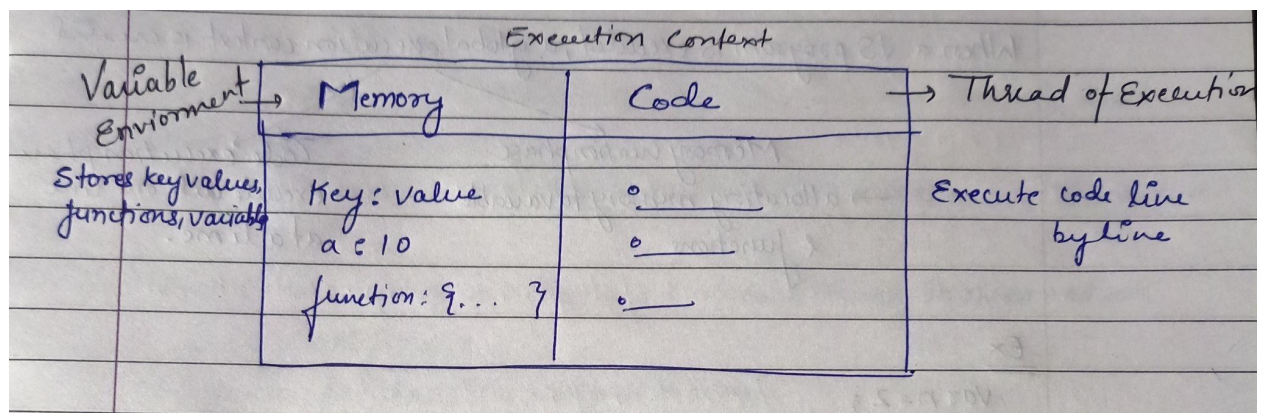


Execution Context

Everything in JS happens inside the execution context. Imagine a sealed-off container called 'Execution context' inside which JS runs. It is an abstract concept that holds info about the environment within the current code being executed.

Execution context is further divided into two parts:

- Memory Component
- Code Component



Memory Component (Variable environment)

stores all the variables and functions in key value pairs.

Code Component (Thread of Execution)

Code component is the place where code is executed one line at a time.

* JS is a synchronous, single-threaded language*

Synchronous:- One command at a time.

Single-threaded:- In a specific synchronous order.

It means that it can go to the next line of code once the current line has been finished executing but only in a specific order.

Watch video on youtube :

[How JavaScript Works 🔥 & Execution Context | Namaste JavaScript Ep.1](#)

