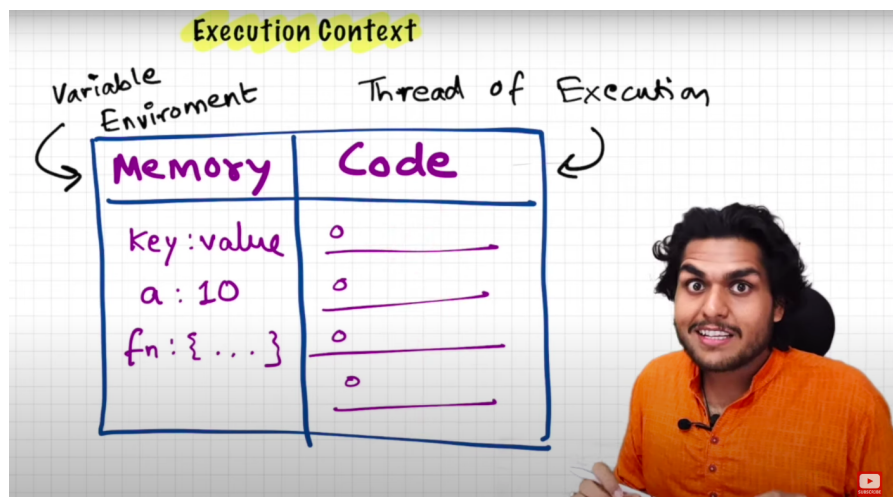


How JS works and Execution Context

Everything in JavaScript happens inside an **execution context**.



→ This is an execution context.

It has 2 components: 1) Memory / Variable environment
2) Code / Thread of execution

- Memory component contains variables and functions as key: value pairs.
- Code component is where whole JS code is executed.

JS is a **synchronous** **single-threaded** language.

↳ JS can only execute one command at a time.

- Synchronous single-threaded means JS can execute one command at a time that too in a specific order. This means it can only go to a new line once the current line of code has finished executing.