

* Explain what is execution context in detail with Diagram

* In programming, when you run a block of code or call a function, an execution context is created. It contains all the necessary ~~function~~ information for that code to run correctly, such as variable functions and the context in which the code is being executed.

* The execution context keeps track of things like which variable and functions are available, the order in which code is executed, and where to find variable when they are referred.

* Think of the execution context as a little bubble that surrounds your code and make sure everything work together so smoothly

* Each time you run a function or execute a block of code, a new execution context is created, forming a stack of nested context. This stack keeps track of different level of code execution, allowing the program to return to the previous when function or block of code finishes.

Diagram

Memory	code
a: 2	var a = 2
b: 4	var b = 4
sum: 6	sum = 6

var a = 2;

var b = 4;

var sum = a + b;

console.log(sum);

Execution context