

What happens when you run JavaScript code?



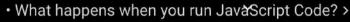
















Code hemory n: undefined square: {...} Square2: undefired squar4: undefined

```
1 var n =2;
2 function square (num) {
3    var ans = num * num;
4    return ans;
5 }
6 var square2 = square(n);
7 var square4 = square(4);
```





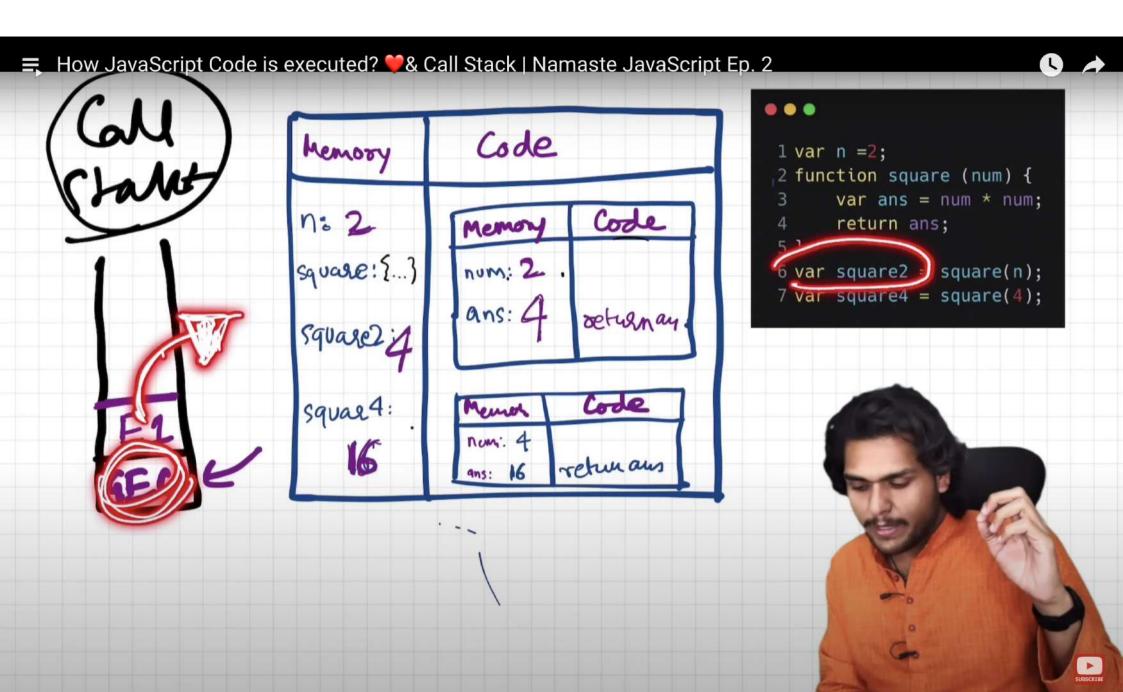
n: 2 square: [...] Square2:4
Square4:

Code num: 2 ochunay ans: 6 execution context deletes after completing function retur aus

Global execution context deletes after completing function

```
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2 function square (num) {
      var ans = num * num;
      return ans;
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```





"Call stack maintains the order of execution of execution contexts"





- O. Call Stack
- 1. Execution Context Stack
- 2. Program Stack
 - 3. Control Stack
- 4. Runtime Stack r. Machine Stack

