

1.- AN INTRODUCTION TO FUNCTIONS, EXECUTION CONTEXT AND THE CALL STACK

- We execute the code line by line

```
What happens when javascript executes (runs) my code?

const num = 3;
function multiplyBy2 (inputNumber){
  const result = inputNumber*2;
  return result;
}
const name = "Will"
```

As soon as we start running our code, we create a global execution context!

Which:

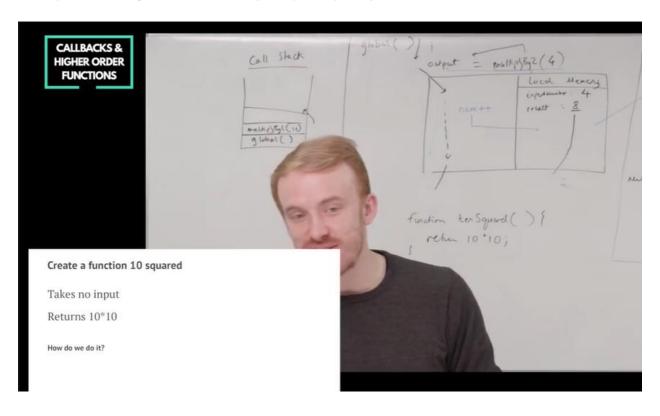
 Thread of execution (Is parsing and executing the code line by line) Live memory of variables with data (Known as a Global Variable Environment)

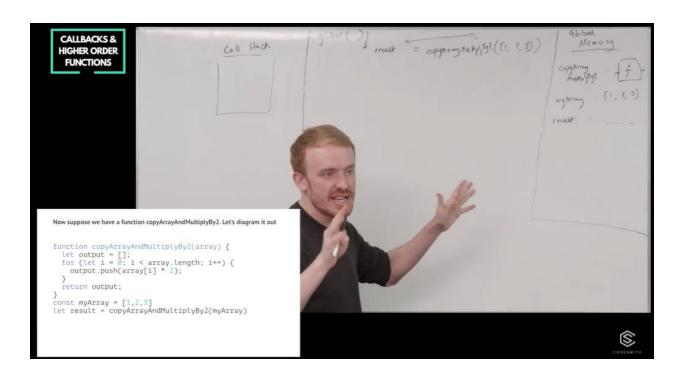
Running/Calling/Invoking a Function

When you execute a function, you create a new execution context comprising:

- The tread of execution (We go trough the code in the function line by line one more time)
- o A local memory (Variable environment) where anything defined in the function is stored

2.- How to understand Callbacks & Higher Order Functions





- EVERYTHING IS STORED IN THE MEMORY AND EXECUTION
- Bending out together!



