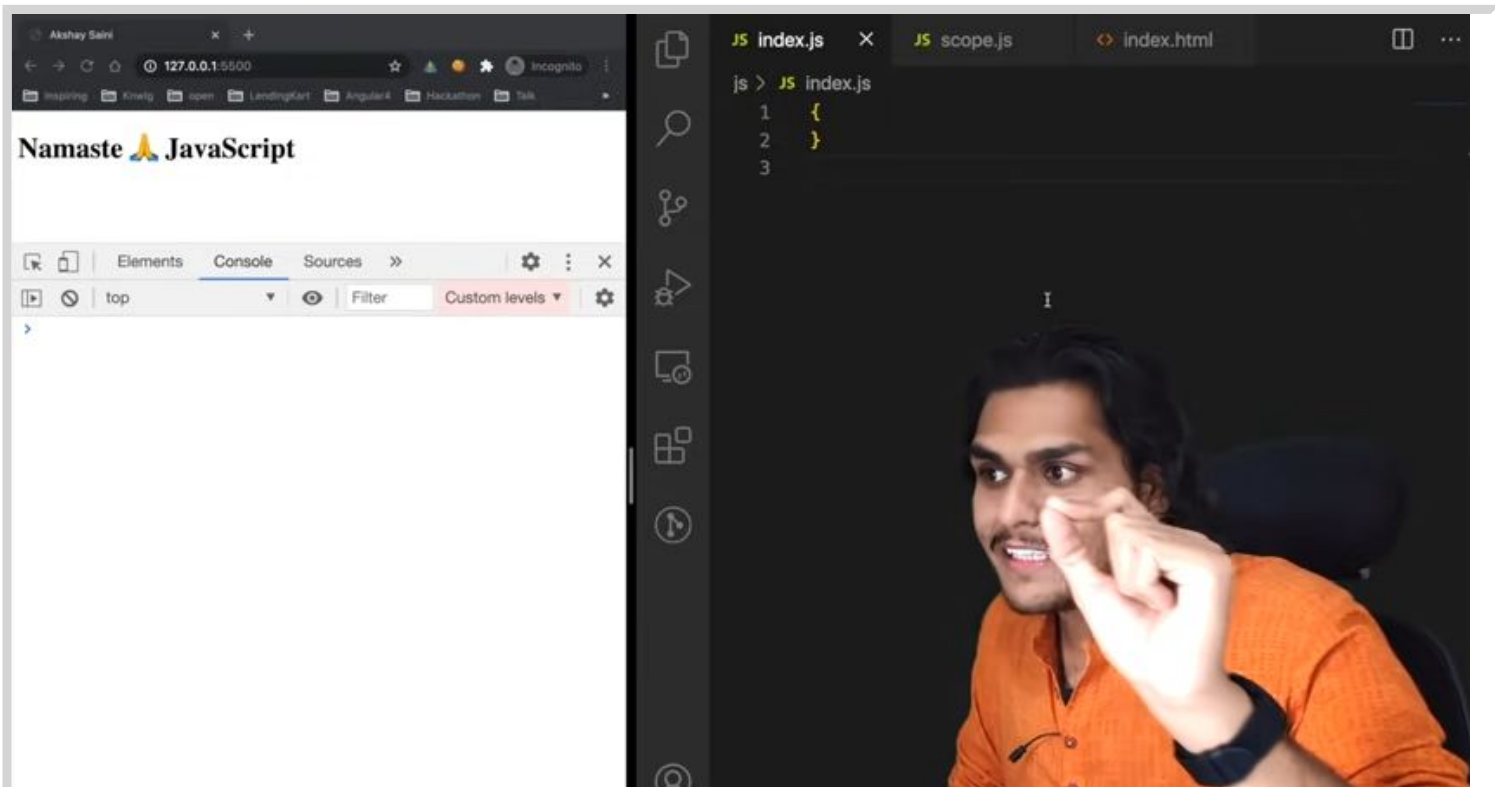


# What is a **Block** in JS?

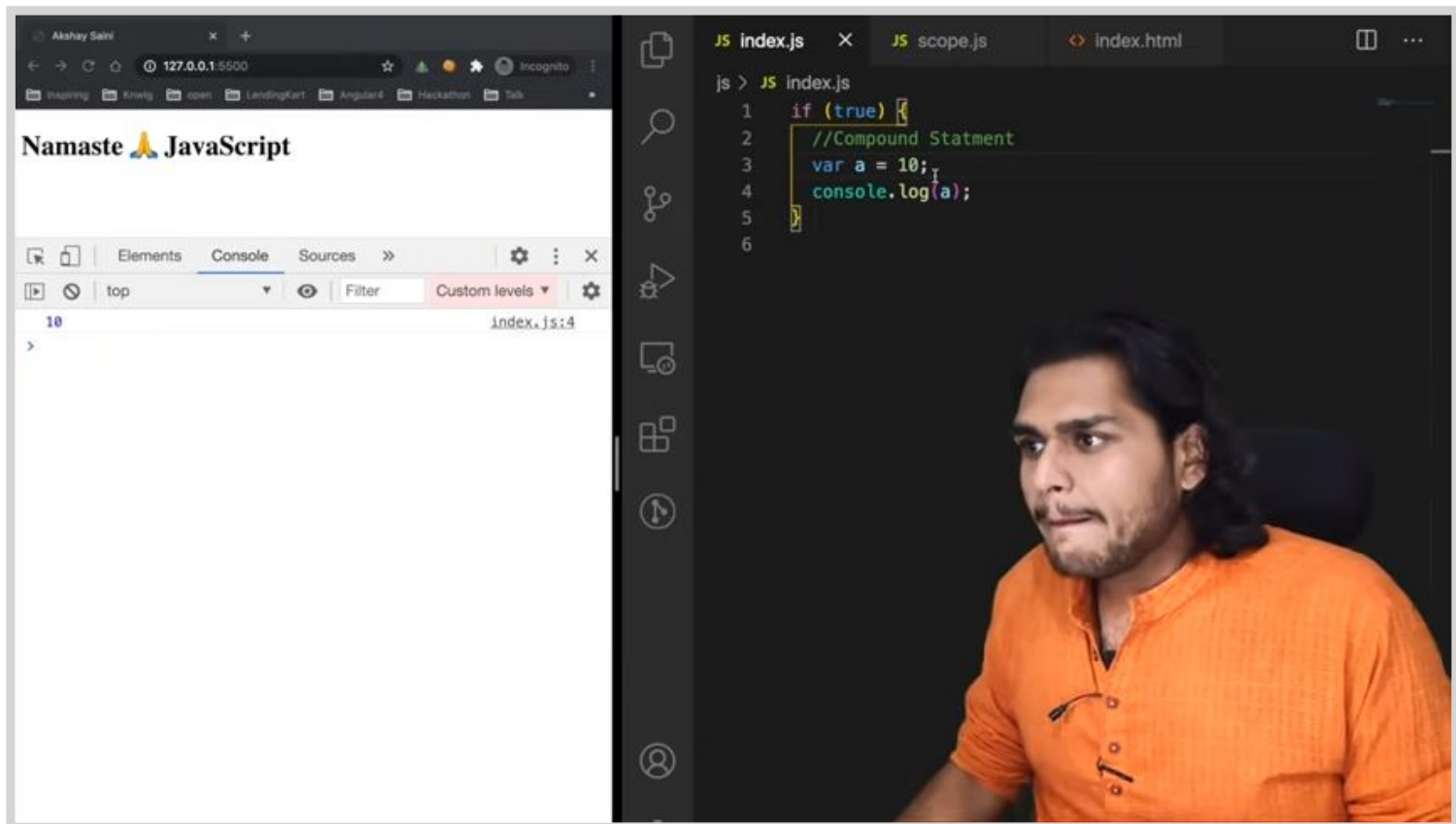


A `Block` is defined by these Curly braces.

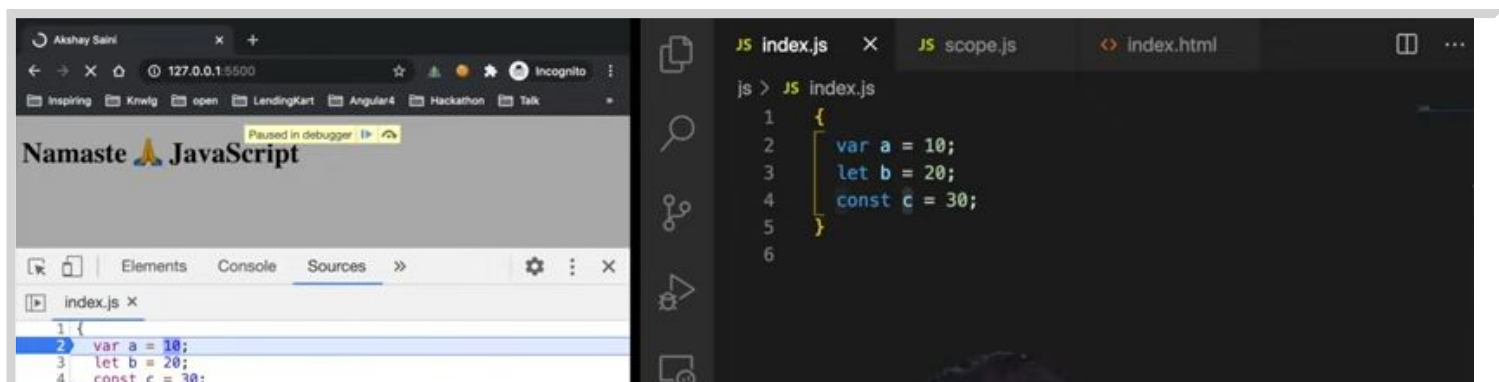
Block is also known as "`Block Scope`".

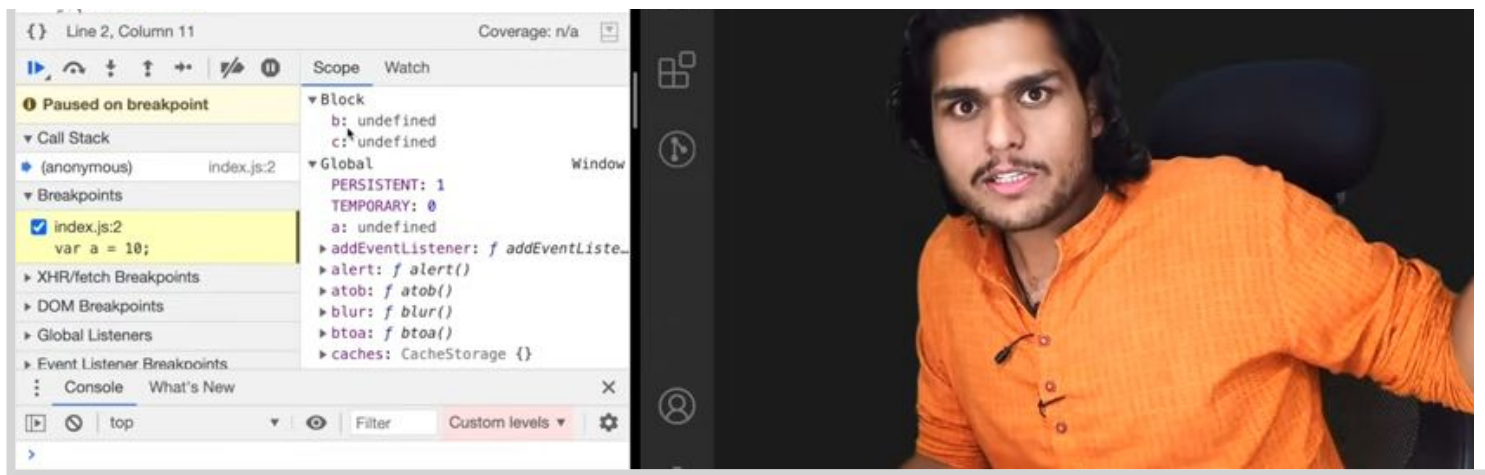
A block is used to combine multiple JS code into 1 group.

- We group multiple statements into 1 group - a block, to use it where JS expects 1 Statement



- the variable & functions we can access inside this block, it is known as Block Scope.

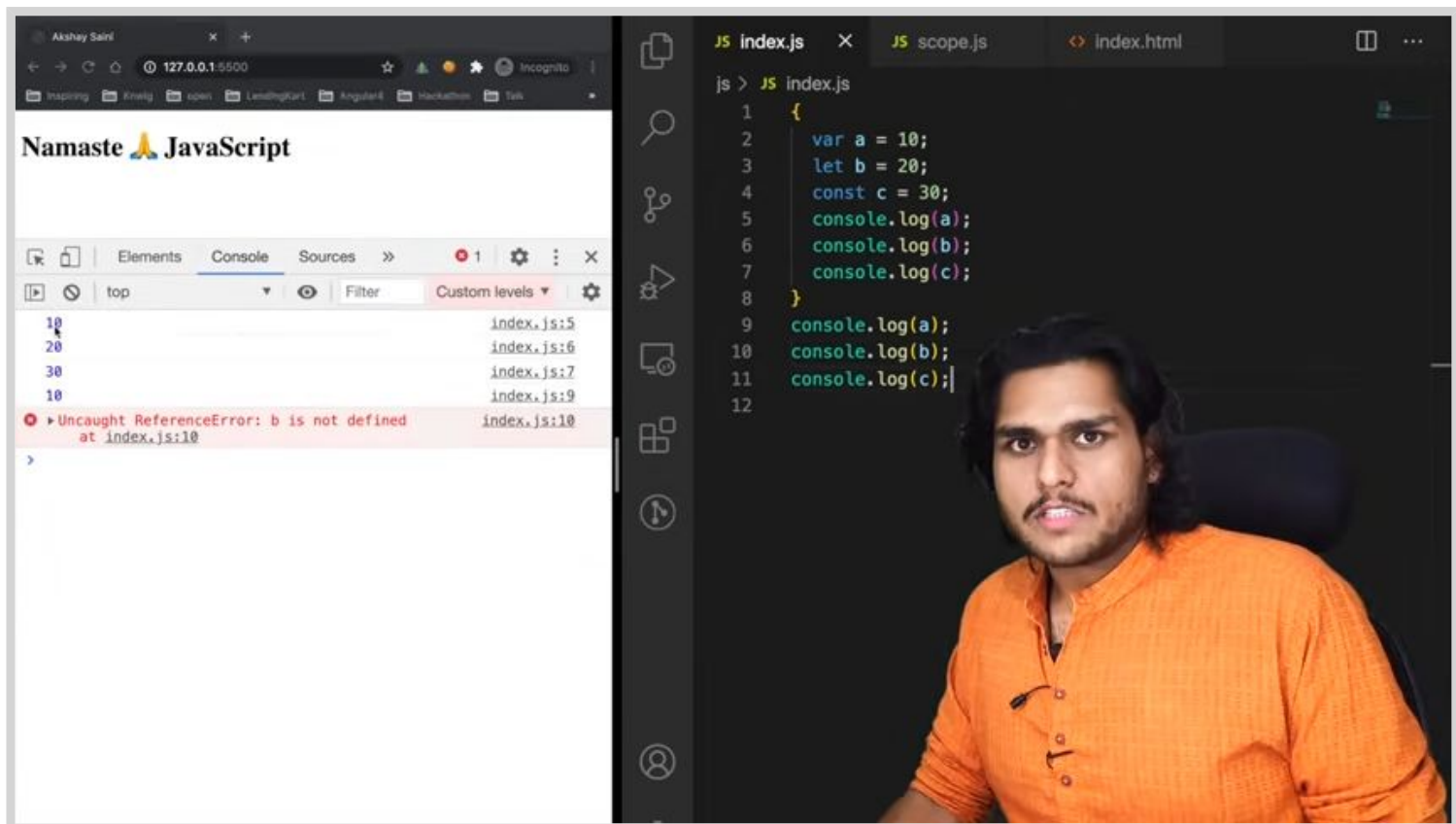




-> b & c are hoisted inside the memory scope which is reserved for this block scope

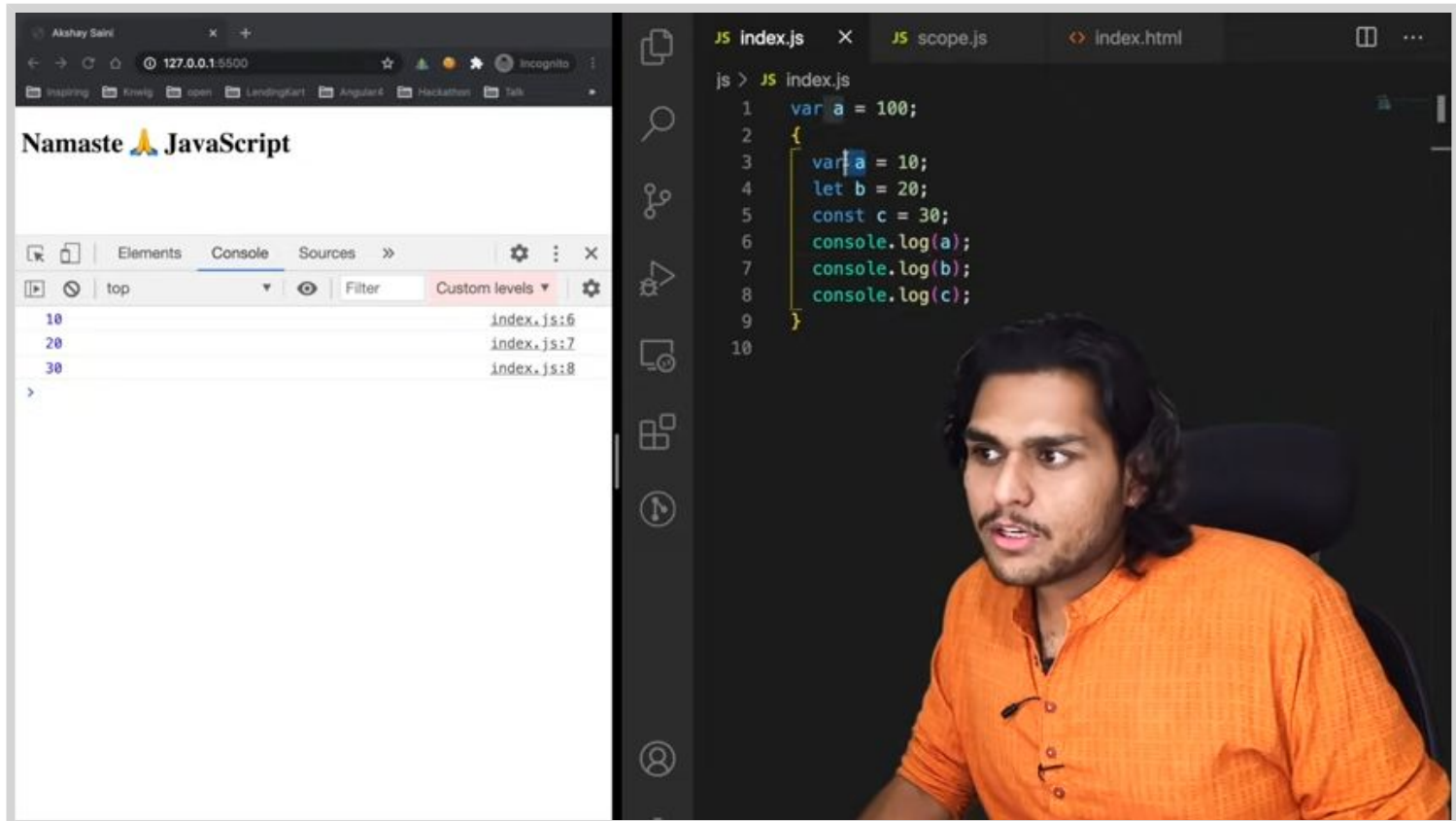
-> var a - is hoisted inside this global scope.

Therefore, its true when we say -



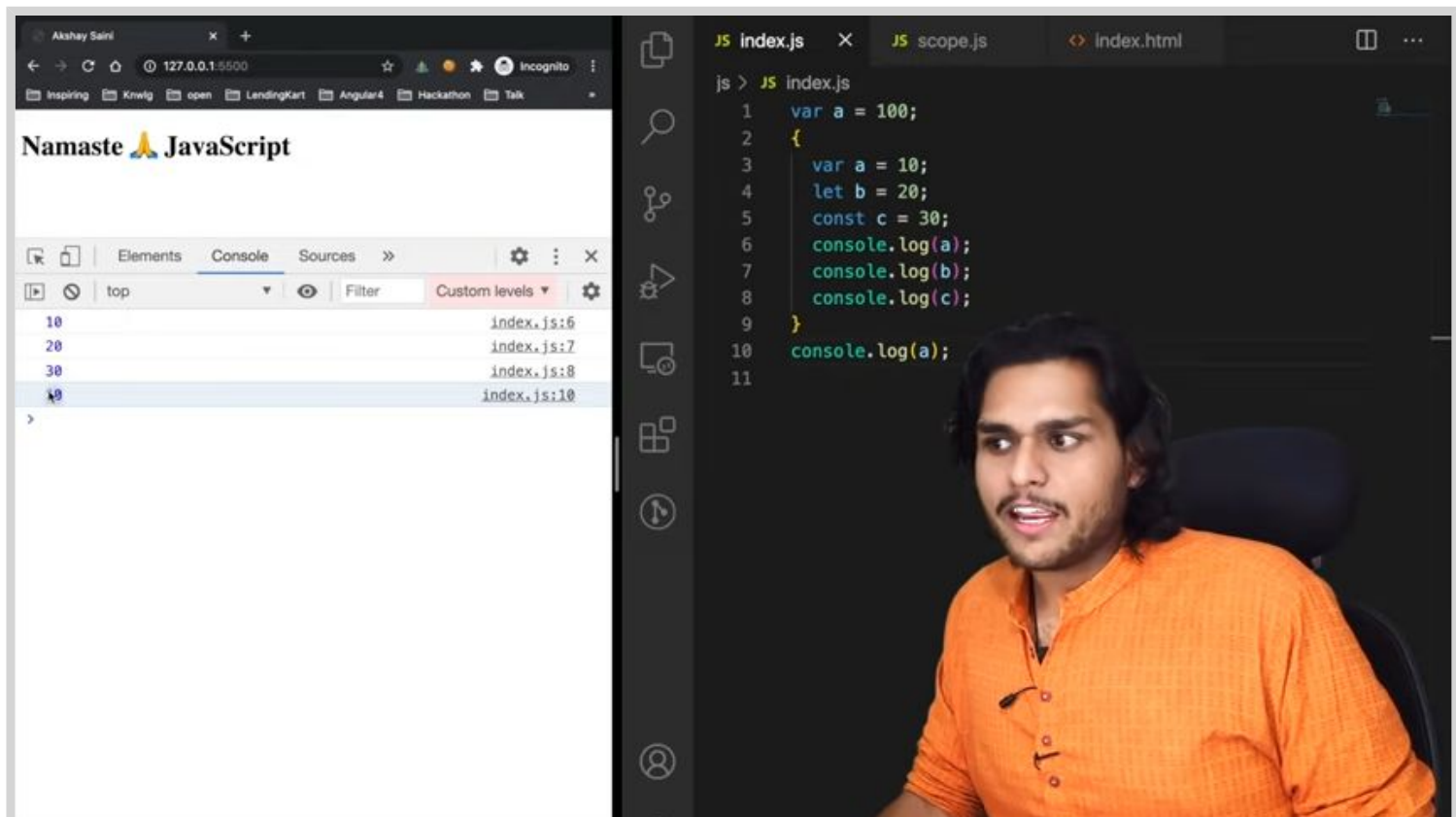
-> Let & Const are not accesible outside this block.

-> we can access this VARoutside this block.



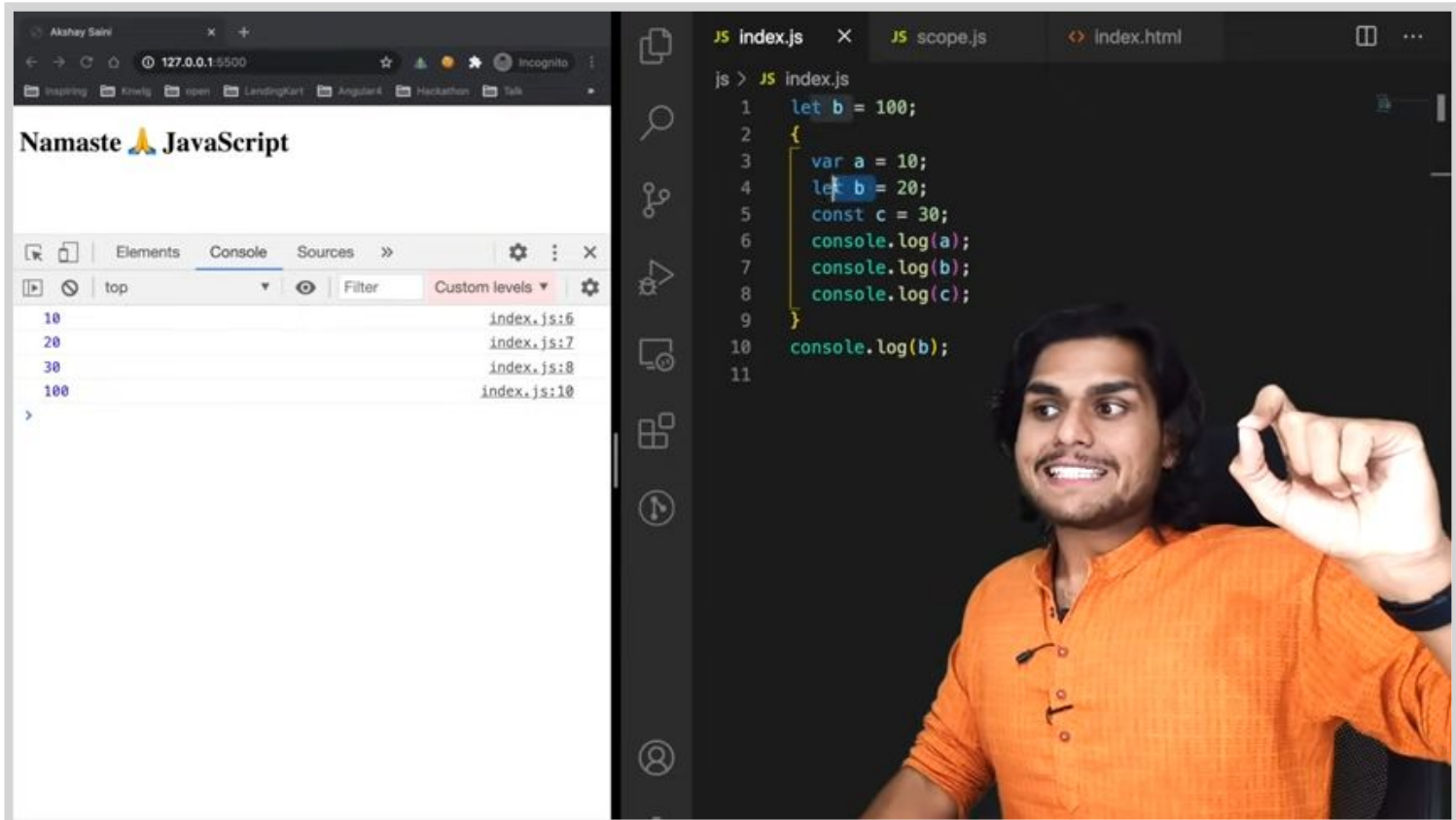
that var will be  
same memory location

the outside wala var. -> bcoz they both r pointing to

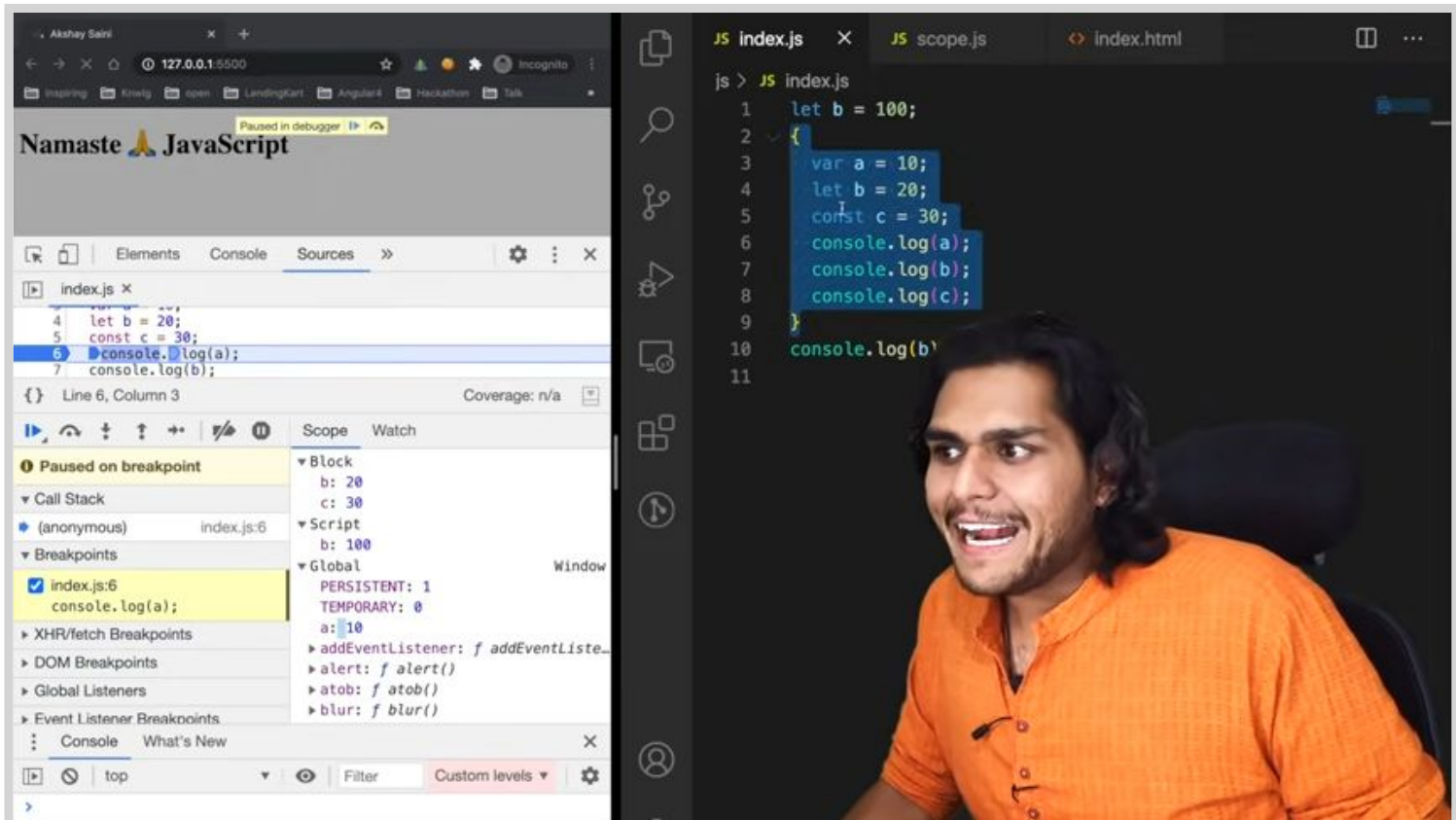




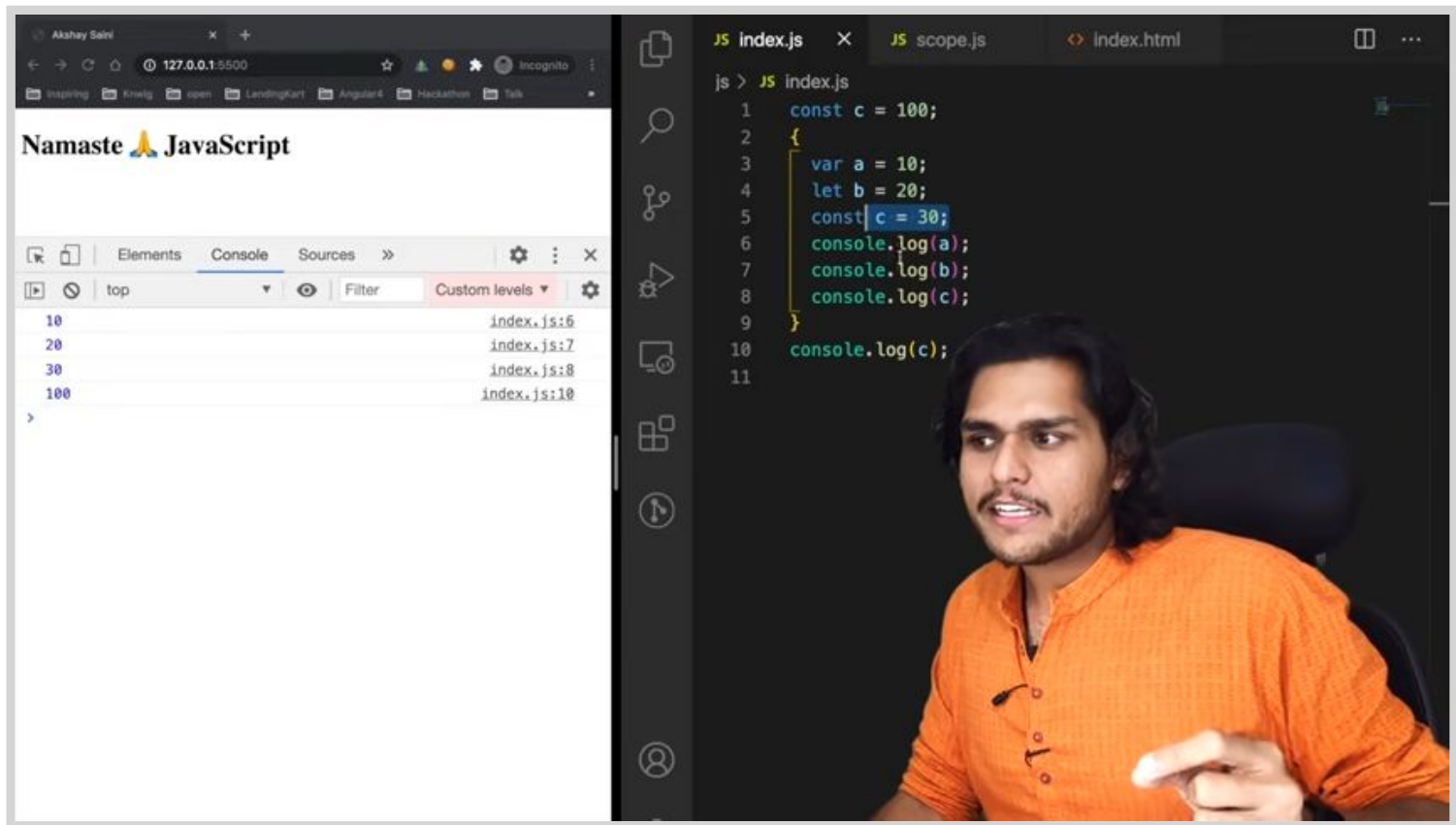
but in case of LET- it will not "modify" the outside wala LET.



It will just SHADOW it.

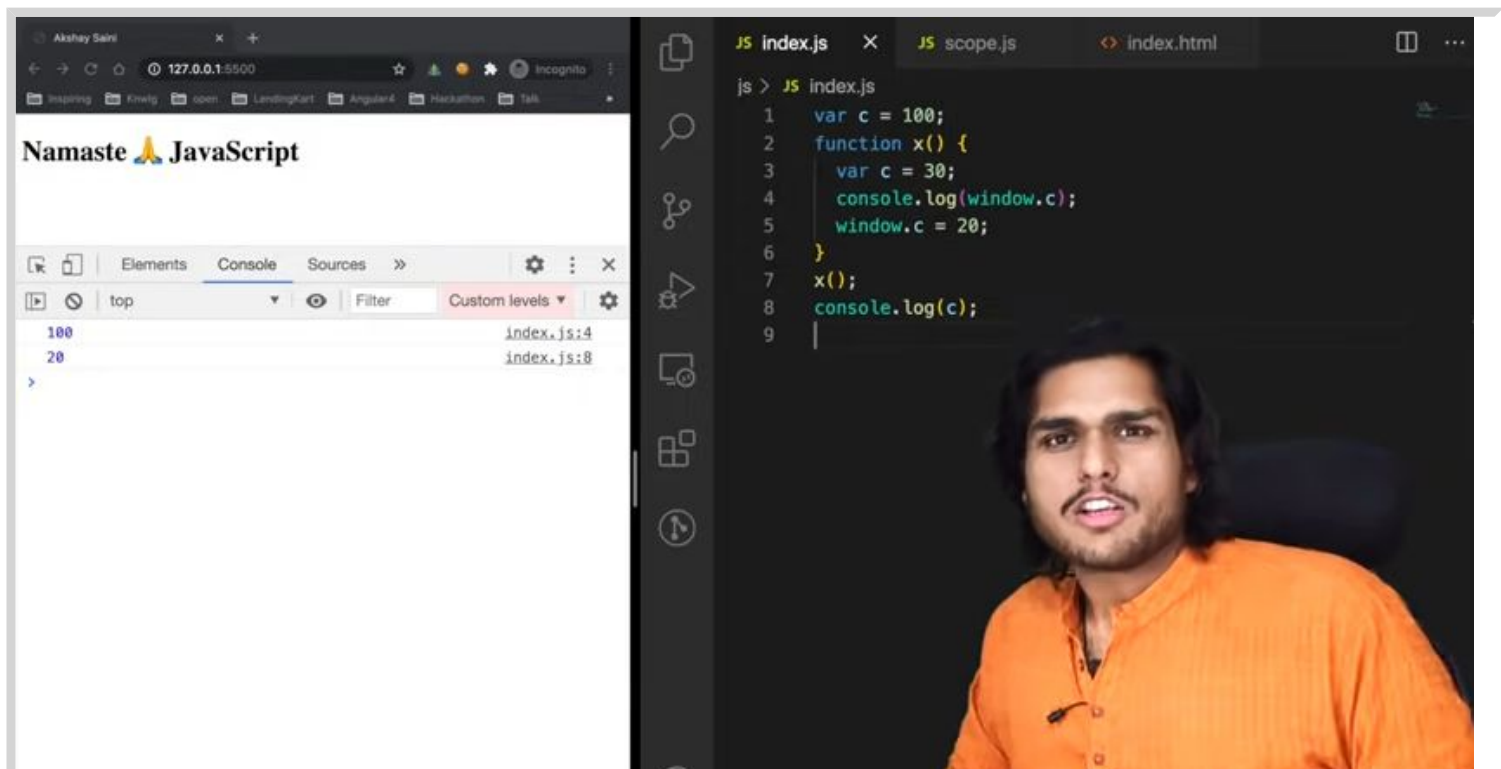


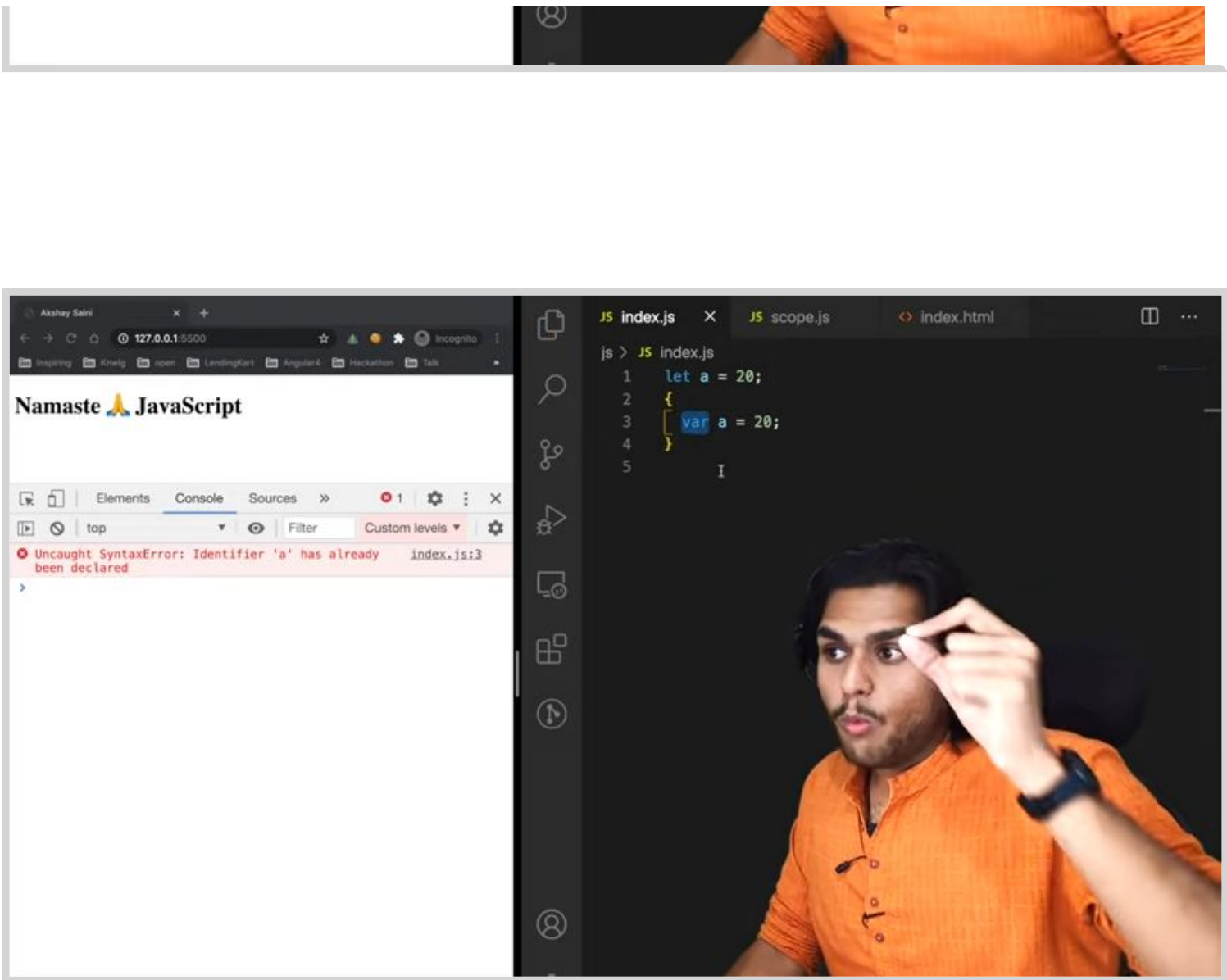
Similar thing happens with CONST also.



Shadowing is not only a concept of "block".

It behaves the same way as a function also.





-> illegal shadowing

-> Legal shadowing

