Home work #4

	Score (9106el, function / locally, black)		can be sedeclased (Yes on MO)	can be updated (yes or No)
Var	Function Scope	undefined	Yes	Yes
Const	Block Score	feference error	No	No
Let	Block Score	Reference error	No	yes

1 Var

Lughus

undefined

undefined

This is hoisting, because of that it will Pull Vara, b, to the top of the execution of Program variable will be undefined. After hoisting it becomes.

var a, b; Il undefined

function test () {

console. (09(a); (Il Print · bendefined

console. (09 (6);

test ();

var a=1, b=2;

(2) Let

output

Reference essor: Cannot access a before initialization

This is hoisting, in case of let when variable are hosted it is not initialized with a value of undefined, sather they are in state called Temperal Dead Zone and they are not initialized until their definition are evaluated.

3 Const

Reference error cannot access a before initialization this is how thing in case of const when variable are hosted it is not initialized with a value of undefined, rather they are in State called Temperal Dead Jone and they are not initialized until their definition are evaluated.

Var, Const, and Let.

200

This is scope, console log (a) will give loo it will take value of var a which is loo, it will check if in its current scope value of a variable is defined or not, which is their var a = loo and will wint loo.

console. (og (b) - this will paint 2 because let value is only available till inner Scope and we can't access it outside as let is block Scope. So it will take the value of const b=2 from outer Scope and it will the values as 2.

@ Reference error: C is not defined.

3) This is because const is block scoped so it can be accessed only within the if (true) } and it can't be accessed outside. So it will give reference error.