Closure -A closure is a tunction that comes bundled · with its surrounding state (the lewise environment) En: tweetion x() Van a 27; Junction y()

E console log(a);

return y; Var 7= YC); console log(z); olp: y()
lonsole.log(a); > Even when we return a function, it still rambon being Now; Z(); the environment it was created in, so it can allers those variables.

-> I we write return function () 2. - - y ble are returning the function itself, not its value The function needs to be called to return a value function X() var a=7; function y() 2 console log (a); a=100', return y; var Z=xC), lonsole·log(Z); olp: y() ( Lousole. log (a);

>In this code, the inner tunction y() has accent to the variable a because of a closure. -> The important thing to understand is that the Closures captures the reference to 12, not the value. -> This means any changes to a before the close is later will be reflected when I call the function > my case, I first set à to7, but before returning the function y(), I change a to 100 -) So, when I call the returned turchon loter, it logs 100 because that was the final value of 'a' defore the closure was invoked.

In javascript, a closure is created when a turntion is defined inside another turction, and the inner function has allen to the outer function's Variables, even after the outer function has finished executing.