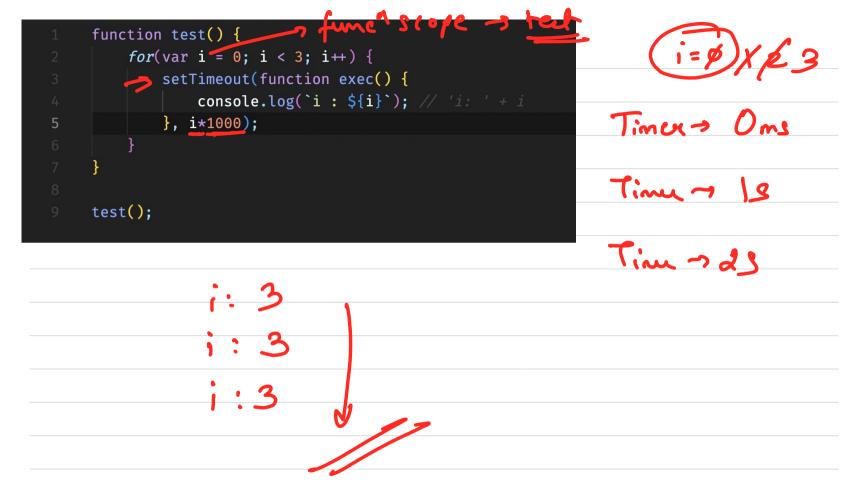
Stort the time Closures → A+ the time instance function todo(task) { setTimeout(function fun() { console.log("Completed", task); when function for well }, 2000); te called, the todo console.log("Starting"); todo("assignments"); -> calling lodo console.log("Ending"); function is already over of hado, Se 1000 has ended, how fun is able to access task variable

Phis happens du to closures. Closure is when a function "remembers" it's lenical Scope even when the function is enecuted outside that lenical scope.

if bodo is completed it well be removed from Callstack. how actually the variables still bersiet?? where are they ??

```
function fun(task1 , taks2){\{}
 task1 = "paras"
  setTimeout(function gun(){
    console.log("completed" , task1);
  }, 2000)
  task1 = task2;
    task2 = "assign";
fun("12", "34");
```



```
7 6lock 500/8
function test() {
    for let i = 0; i < 3; i++) {
       setTimeout(function exec() {
           console.log(`i : ${i}`); // 'i: ' + i
       }, i*1000);
test();
```

```
function todo(task) {

setTimeout(function fun() {
    console.log("Completed", task);
}, 2000);

console.log("Starting");

todo("assignments");

console.log("Ending");
```

Couglet -



