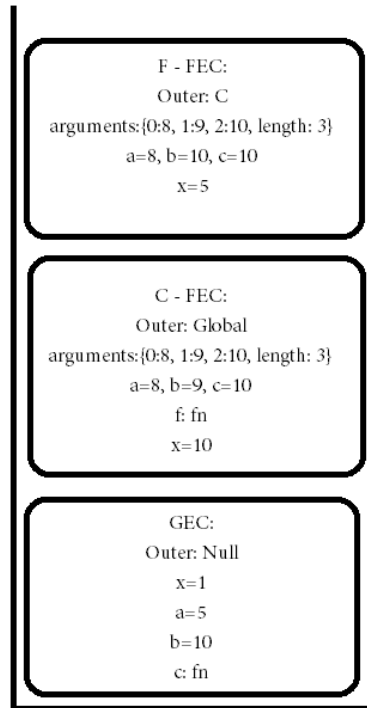


Assignment 6.

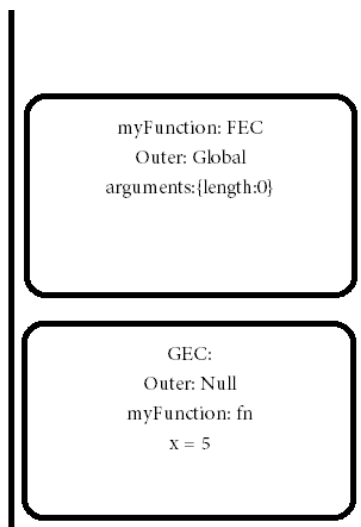
Question 1: Code 1:

- 1- What will be printed: → Undefined 8 8 9 10 1.
- 2- Lexical environment diagram:



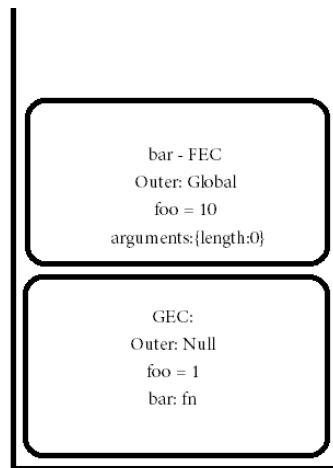
Code 2:

- 1- What will be printed: → 81 25
- 2- Lexical environment diagram:



Code 3:

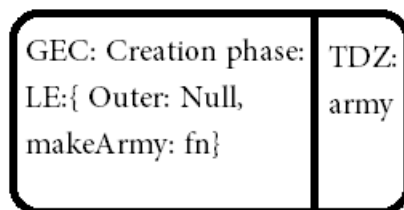
- 1- What will be printed: → 10
- 2- Lexical environment diagram:



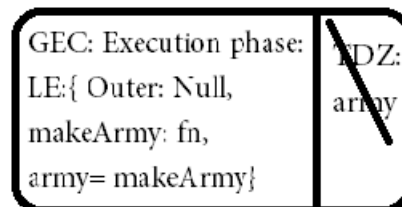
Question 2:

Global lexical environment:

Creation phase

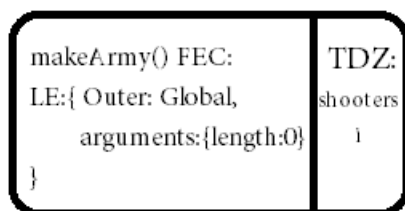


Execution Phase

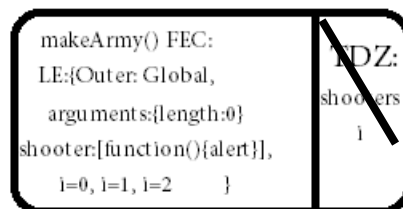


LE for makeArmy():

Creation phase

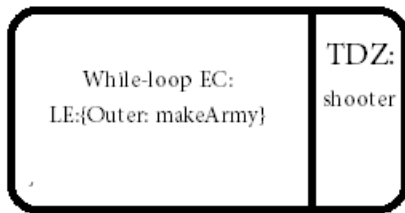


Execution Phase

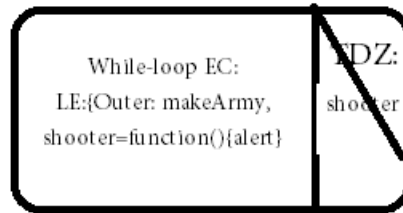


LE for LE of the while loop:

Creation phase



Execution Phase



What will `army[0]` alert? → 2.

Fixing the code:

```
function makeArmy(){
  let shooters = [];
  let i=0;
  while(i<2){
    let temp = I;
    let shooter = function(){
      alert(temp);
    };
    shooters.push(shooter);
    i++;
  }
  return shooters;
}
let army = makeArmy();
army[0]();
```