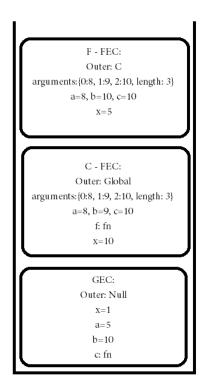
Assignment 6.

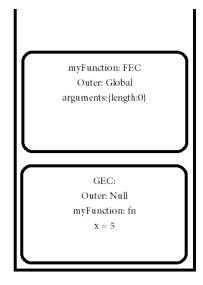
Question 1: Code 1:

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



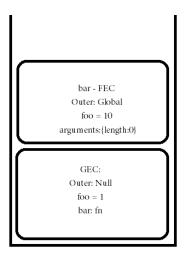
Code 2:

- 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

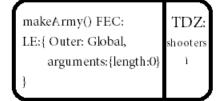
GEC: Creation phase: TDZ: LE:{ Outer: Null, army makeArmy: fn}

Execution Phase

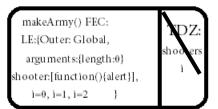
GEC: Execution phase: AD
LE:{ Outer: Null, arn
makeArmy: fn,
army= makeArmy}

LE for makeArmy():

Creation phase

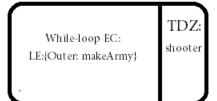


Execution Phase



LE for LE of the while loop:

Creation phase



Execution Phase

While-loop EC:
LE:{Outer: makeArmy, shooter=function(){alert}}

LE:{Outer: makeArmy, shooter=function(){alert}}

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]();</pre>
```