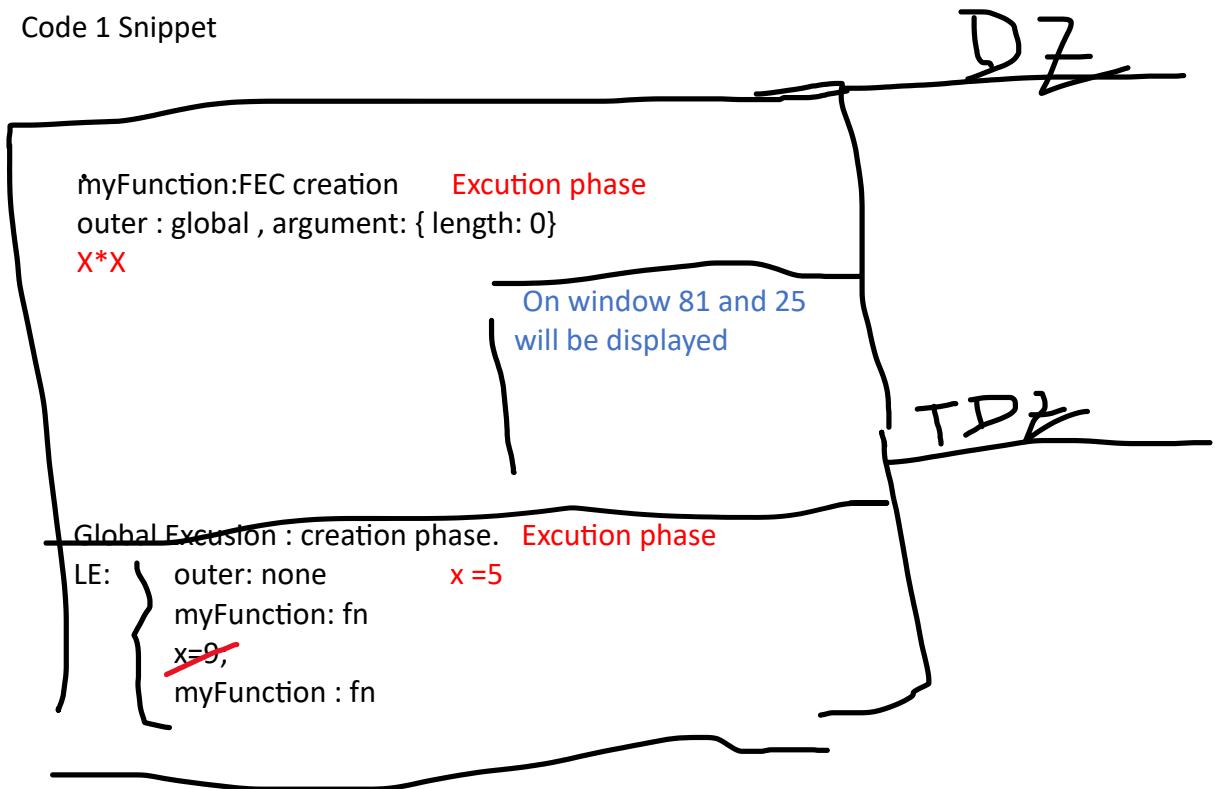Lab 6 Answer

1. The output for the given code is :

undefined
8
8
9
10
1

2. Lexical Environment Diagram

Code 1 Snippet

DZ

myFunction:FEC creation   Excution phase
outer : global , argument: { length: 0}
X*X

On window 81 and 25
will be displayed

TDZ

Global Excusion : creation phase.   Excution phase
LE: outer: none   x =5
         myFunction: fn
         x=9,
         myFunction : fn

Code 2 Snippet

If EC : creation
  Outer: bar, global
  Argument : { 0: ! foo, length : 1}
  foo = 10

bar FEC creation phase   execution phase
outer : global
argument : { length 0}
arg = ! foo

Global Execution: Creation phase   Execution phase
  Outter: none
  bar: fn
  foo=1

3.

```
function makeArmy(){
   let shooters =[];
   let i=0;
   while (i<2) {

      let j=i  // this will solve the problem

      let shooter = function(){
         alert( j );
      };
      shooters.push(shooter);
      i++;
   }
   return shooters;
}
let army = makeArmy();
army[0];
```