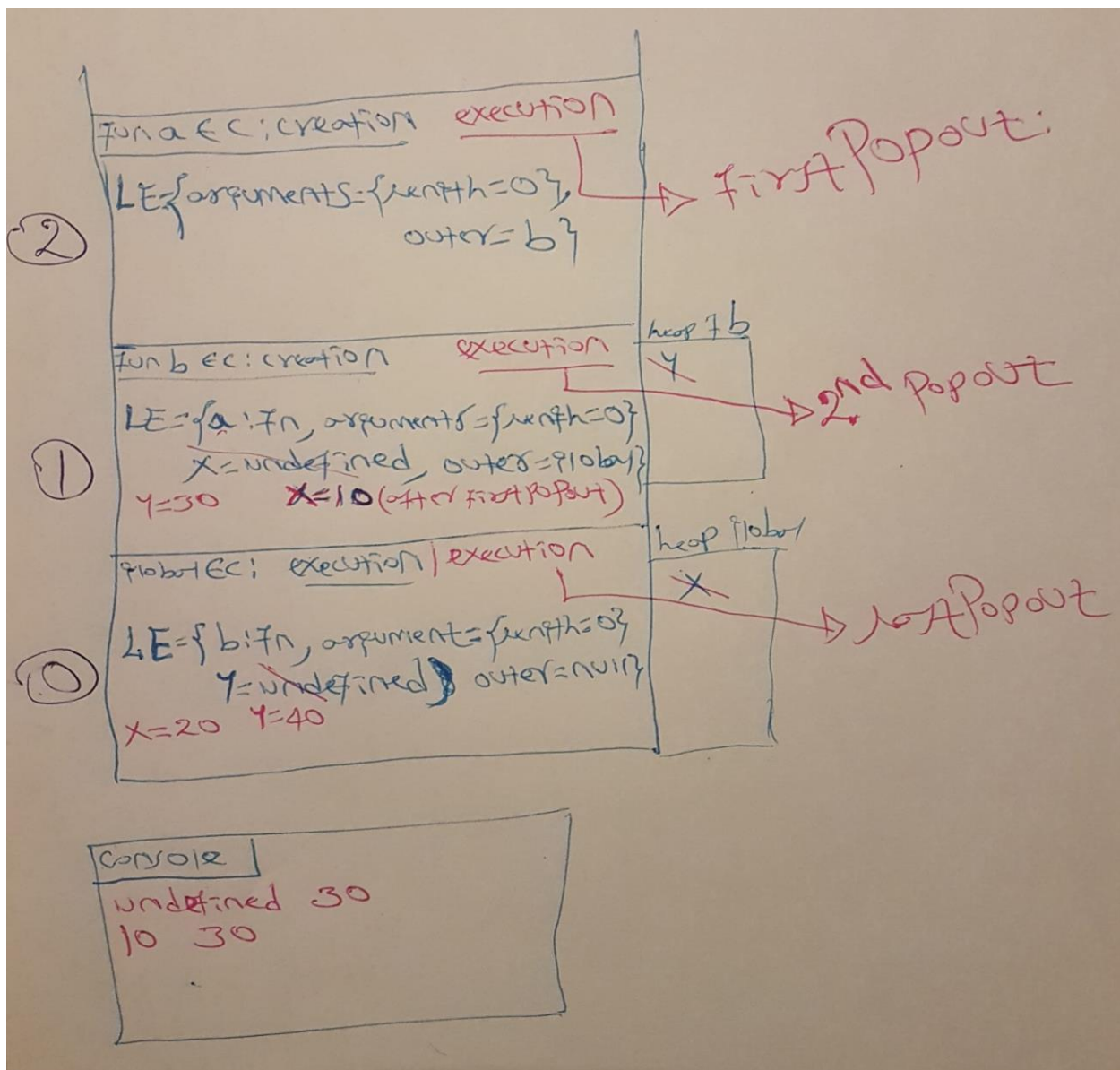Exercise 1: What's the output in the console? And Draw the execution context as we did in the class. Take a photo or screenshot of what you draw, then upload on github.
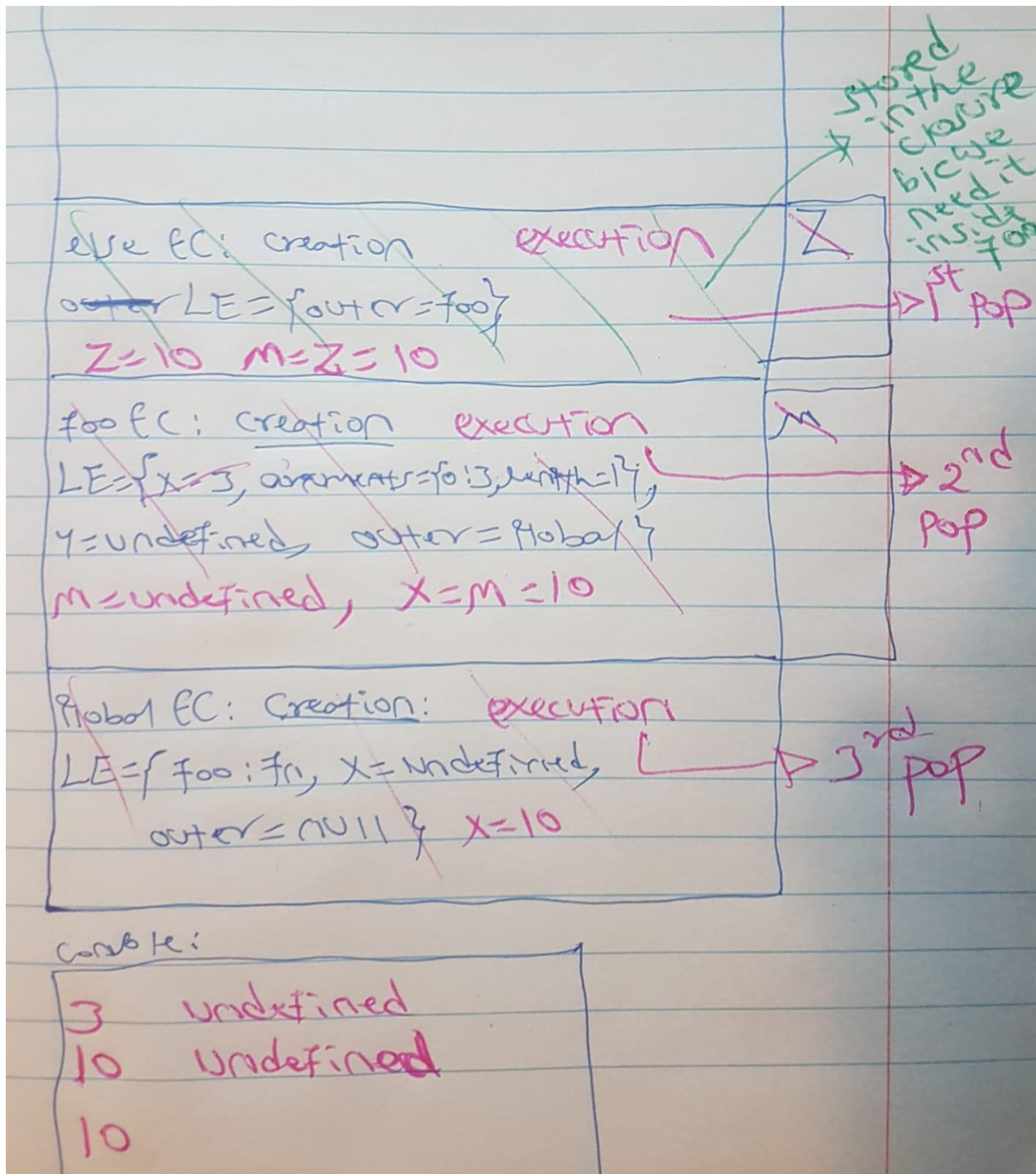
```
function b() {

    const y = 30; a();

    function a() { console.log(x, y);

    }

    var x = 10; console.log(x, y);

}

const x = 20; var
y = 40; b();
```

Answer for question1:

Answer for question2: (see the question bellow the picture)

else EC: creation   execution   Z

outer LE={outer=foo}

Z=10   M=Z=10

stored in the closure b/c we need it ins 700

1st pop

foo EC: creation   execution   M

LE={x=3, arguments=fo:3, length=1},

y=undefined, outer=Global}

m=undefined, X=M=10

2nd pop

global EC: creation: execution

LE={foo:fn, X=undefined,

outer=null} X=10

3rd pop

console:

3   undefined

10   undefined

10

Exercise 2: What's the output in the console? And Draw the execution context as we did in the class. Take a photo or screenshot of what you draw, then upload on github.

```
function foo(x) {
```

```javascript
    let m;

    console.log(x, y);

    if(x > 5){

        var y = 5; m =
        x + y;

    } else {

        let z = 10; m
        = z;

    }

    x = m;

    console.log(x, y);

}

var x = 10;

foo(3);

console.log(x);
```

Exercise 3: Write a function `printNumbers(from, to)` that outputs a number every second, starting from `from` and ending with `to`.

Answer for question3:

```javascript
function printNumbers(from, to) {
    let currentNumber = from;
    const intervalId = setInterval(function () {
      console.log(currentNumber);
      if (currentNumber === to) {
        clearInterval(intervalId);
      }
      currentNumber++;
    }, 1000);
  }
  printNumbers(1, 5);
```