First name: Group: specialty:

Last name:

Exercise .1 (use only arrow function)

Given the following code:

```
let square=(i)=>i*i;
let getValue=()=> {setTimeout(()=>4,2000)};
let v=getValue();
let result=square(v);
console.log(result);
```

1. What will be the output of the code and why?

2. In order to obtain the correct result, we change the **getValue** as follow:

```
let getValue = (f) => {setTimeout(()=>f(4),2000)};
```

How to call the function getValue?

3. Using promise chaining, update the above code to obtain the correct result.

Exercise .2

What will be the output of the following code?

```
let a= ((x)=>x.map(i=>i+1))([2,6,5]);
let x=(i)=>(t)=>t.reduce((n,j)=>n+j,i);
let b=x(2)(a);
console.log(b);
```