

Ejercicios Día 2:

1- What is wrong with this code?:

```
for(i = 0; i < 10; i++) {  
    setTimeout(function() { console.log(i); }, 1000);  
}
```

Fix it. So it works as expected.

2- Write a *series* function that executes a list of asynchronous functions and calls a callback with the result of all of them only once they've all finished.

Don't use the `async.js` library for this.

3- Write the same function using the events module.

4- Considering the following definition of "user":

- **Name:** Pedro
- **LastName:** Rodriguez
- **Age:** 25
- **DOB:** 02/08/2001

Create an Object using promises that meets the following goals:

1. Create an user
2. Update user's data
3. Retrieve an user by name
4. Delete an user

You should keep in mind the following:

- All representations of all resources should be specified as JSON.
- Use a simple file I/O to store the data.
- In the update / delete operation, you've to trigger an error in case the specified user does not exist.
- If you're trying to create an existing user, you've to return the corresponding message.