REPORT

• Exercise1

In the first exercise is requested to Write a C program that creates a subdirectory and in which it will create **n** files, each of one including a set of random integers.

In order to create a new directory, it is used the following instruction:

```
system("mkdir ./data");
```

When the system call system() is called, the shell performs a fork() and opens a new shell in which the command line between brackets will be executed. Then, to create **n** files are used two nested for-loop in which are called the instruction fopen(), to create and open new files, and the instruction rand() to generate random integers.