

# Chapter II

## Sujet

You have to recode the `nm` (with no options) and the `otool` command (exactly the same as `otool -t`)

```
$ man nm
$ man otool
```

- This project will be corrected by humans only. You're allowed to organise and name your files as you see fit, but you must follow the following rules.
- You can in bonus, makes the options of `nm` and `d'otool`.
- The executable must be named `ft_nm` and `ft_otool`
- You must use C and submit a Makefile.
- Your Makefile must compile the project and must contain the usual rules.
- If you are clever, you will use your library for your `ft_nm_otool`. Submit also your folder `libft` including its own Makefile at the root of your repository. Your Makefile will have to compile the library, and then compile your project.
- Your project must be written in accordance with the Norm. Only `norminette` is authoritative.
- You have to handle errors carefully. In no way can your program quit in an unexpected manner (Segmentation fault, bus error, double free, etc).
- You'll have to submit a file called `author` containing your usernames followed by a `'\n'` at the root of your repository.

```
$>cat -e author
xlogin$
$>
```

- Within the mandatory part, you are allowed to use the following functions:
  - open(2)
  - close(2)
  - mmap(2)
  - munmap(2)
  - write(2)
  - fstat(2)
  - malloc(3)
  - free(3)
- You can ask your questions on the forum, on slack...