level00

In this first level, we felt a bit lost: the home directory was empty and we didn't have permissions to read or write. However, we discovered a command to search the entire filesystem for files that have read permissions set for others (non-owners):

find / -type f -perm -o=r 2>/dev/null

Despite a lengthy search, we mainly stumbled upon clues for subsequent levels.
Utilizing `*grep*` with the terms *"level00"* and *"flag00"* yielded no relevant results either.

We later discovered that the find command has another useful parameter: user.
This command searches the entire filesystem for files owned by the user *"flag00"*:

```
level00@SnowCrash:~$ find / -type f -user flag00 2>/dev/null
/usr/sbin/john
/rofs/usr/sbin/john

level00@SnowCrash:~$ ls -al /usr/sbin/john
----r--r-- 1 flag00 flag00 15 Mar  5  2016 /usr/sbin/john

level00@SnowCrash:~$ cat /usr/sbin/john
cdiiddwpgswtgt
```

Bingo!

We attempted to use the provided key to gain access under the "*flag00*" user profile, but were unsuccessful. Suspecting that the key might be encrypted, we utilized the dcode.fr platform and its automatic cipher detection tool. Our findings indicate that the encryption method in use is ROT13 / Caesar cipher.

[A-Z]+15 nottoohardhere

```
level00@SnowCrash:~$ su flag00
Password: nottoohardhere
Don't forget to launch getflag !

flag00@SnowCrash:~$ getflag
Check flag.Here is your token : x24ti5gi3x0ol2eh4esiuxias

flag00@SnowCrash:~$ su level01
Password: x24ti5gi3x0ol2eh4esiuxias

level01@SnowCrash:~$
```