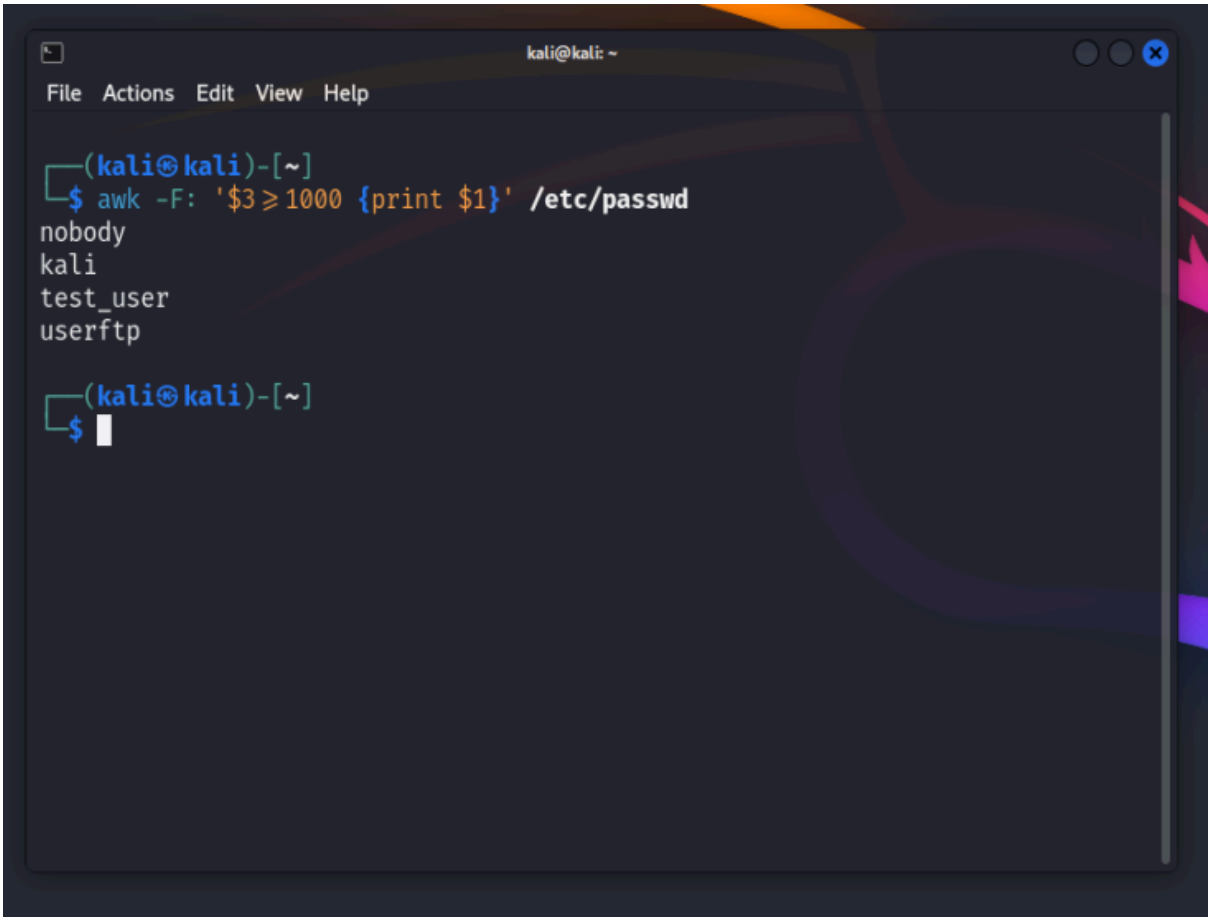
Per prima cosa vado a visualizzare gli utenti presenti sulla mia macchina virtuale, e come si può notare sono presenti diversi utenti, tra cui quello creato per l'esercizio di oggi.



Per questo esercizio utilizzeremo l'utente **test_user** con password **testpass**

- Chiamiamo l'utente **test_user**, e configuriamo una password iniziale **testpass**

Dopodichè attiviamo il servizio ssh:

Andiamo a testare la connessione ssh con l'utente appena creato:

```
┌──(kali㉿kali)-[~]
└─$ ssh test_user@192.168.1.35
test_user@192.168.1.35's password:
Linux kali 6.8.11-amd64 #1 SMP PREEMPT_DYNAMIC Kali 6.8.11-1kali2 (2024-05-30
) x86_64

The programs included with the Kali GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Kali GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Thu Jul  4 12:58:17 2024 from 192.168.1.35
┌──(Message from Kali developers)
│
│ This is a minimal installation of Kali Linux, you likely
│ want to install supplementary tools. Learn how:
│ ⇒ https://www.kali.org/docs/troubleshooting/common-minimum-setup/
│
└──(Run: "touch ~/.hushlogin" to hide this message)
┌──(test_user㉿kali)-[~]
└─$
```

Hydra inizierà a fare tutti i suoi tentativi, che possiamo seguire in live con il comando -V:

```
Hydra (https://github.com/vanhauser-thc/thc-hydra) starting at 2
024-07-06 09:01:36
[WARNING] Restorefile (you have 10 seconds to abort... (use opti
on -I to skip waiting)) from a previous session found, to preven
t overwriting, ./hydra.restore
[DATA] max 4 tasks per 1 server, overall 4 tasks, 100 login tries (l:10/p:10), ~25 tries per task
[DATA] attacking ssh://192.168.1.35:22/
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "ciaocarlo" - 1 of 100 [child 0] (0/0)
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "ensomma" - 2 of 100 [child 1] (0/0)
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "test_user" - 3 of 100 [child 2] (0/0)
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "vabbedai" - 4 of 100 [child 3] (0/0)
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "testpass" - 5 of 100 [child 0] (0/0)
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "si01" - 6 of 100 [child 1] (0/0)
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "2402" - 7 of 100 [child 2] (0/0)
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "userftp" - 8 of 100 [child 3] (0/0)
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "!bellafrate" - 9 of 100 [child 0] (0/0)
[ATTEMPT] target 192.168.1.35 - login "mannoia" - pass "" - 10 of 100 [child 1] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "ciaocarlo" - 11 of 100 [child 1] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "ensomma" - 12 of 100 [child 2] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "test_user" - 13 of 100 [child 3] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "vabbedai" - 14 of 100 [child 0] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "testpass" - 15 of 100 [child 2] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "si01" - 16 of 100 [child 1] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "2402" - 17 of 100 [child 3] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "userftp" - 18 of 100 [child 0] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "!bellafrate" - 19 of 100 [child 2] (0/0)
[ATTEMPT] target 192.168.1.35 - login "kendricktamarro" - pass "" - 20 of 100 [child 1] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "ciaocarlo" - 21 of 100 [child 3] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "ensomma" - 22 of 100 [child 1] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "test_user" - 23 of 100 [child 0] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "vabbedai" - 24 of 100 [child 2] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "testpass" - 25 of 100 [child 3] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "si01" - 26 of 100 [child 1] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "2402" - 27 of 100 [child 0] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "userftp" - 28 of 100 [child 2] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "!bellafrate" - 29 of 100 [child 3] (0/0)
[ATTEMPT] target 192.168.1.35 - login "bollicine22" - pass "" - 30 of 100 [child 1] (0/0)
[ATTEMPT] target 192.168.1.35 - login "test_user" - pass "ciaocarlo" - 31 of 100 [child 1] (0/0)
```

Infine, hydra va a segno restituendoci un user e password validi per eseguire l’accesso