User1 password: dictionary
User2 password: 1111
User3 password: 1dictionary1
User4 password: !1dictionary1!
User5 password: apple123
User6 password: !1Dictionary1!

Exporting hashes to txt file

```
┌──(kali㉿kali)-[~]
└─$ sudo grep user1 /etc/shadow > 01221524.hash

┌──(kali㉿kali)-[~]
└─$ sudo grep user2 /etc/shadow >> 01221524.hash

┌──(kali㉿kali)-[~]
└─$ sudo grep user3 /etc/shadow >> 01221524.hash

┌──(kali㉿kali)-[~]
└─$ sudo grep user4 /etc/shadow >> 01221524.hash

┌──(kali㉿kali)-[~]
└─$ sudo grep user5 /etc/shadow >> 01221524.hash

┌──(kali㉿kali)-[~]
└─$ sudo grep user6 /etc/shadow >> 01221524.hash
```

unzipping rockyou

```
┌──(kali㉿kali)-[/usr/share/wordlists]
└─$ sudo gunzip rockyou.txt.gz
```

copying rockyou to home

```
┌──(kali㉿kali)-[~]
└─$ cp /usr/share/wordlists/rockyou.txt ~
```

```
┌──(kali㉿kali)-[~]
└─$ sudo unshadow /etc/passwd /etc/shadow
[sudo] password for kali:
root:*:0:0:root:/root:/usr/bin/zsh
daemon:*:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:*:2:2:bin:/bin:/usr/sbin/nologin
sys:*:3:3:sys:/dev:/usr/sbin/nologin
sync:*:4:65534:sync:/bin:/bin/sync
games:*:5:60:games:/usr/games:/usr/sbin/nologin
man:*:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:*:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:*:8:8:mail:/var/mail:/usr/sbin/nologin
news:*:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:*:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:*:13:13:proxy:/bin:/usr/sbin/nologin
www-data:*:33:33:www-data:/var/www:/usr/sbin/nologin
backup:*:34:34:backup:/var/backups:/usr/sbin/nologin
list:*:38:38:Mailing List Manager:/var/list:/usr/sbin/nologin
irc:*:39:39:ircd:/run/ircd:/usr/sbin/nologin
```

```
┌──(kali㉿kali)-[~]
└─$ john --format=crypt --wordlist=rockyou.txt 01221524.hash
Using default input encoding: UTF-8
Loaded 6 password hashes with 6 different salts (crypt, generic crypt(3) [?/64])
Cost 1 (algorithm [1:descrypt 2:md5crypt 3:sunmd5 4:bcrypt 5:sha256crypt 6:sha512crypt]) is 0
 for all loaded hashes
Cost 2 (algorithm specific iterations) is 1 for all loaded hashes
Will run 2 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
```

After 10 mins

```
┌──(kali㉿kali)-[~]
└─$ john --format=crypt --wordlist=rockyou.txt 01221524.hash
Using default input encoding: UTF-8
Loaded 6 password hashes with 6 different salts (crypt, generic crypt(3) [?/64])
Cost 1 (algorithm [1:descrypt 2:md5crypt 3:sunmd5 4:bcrypt 5:sha256crypt 6:sha512crypt]) is 0
 for all loaded hashes
Cost 2 (algorithm specific iterations) is 1 for all loaded hashes
Will run 2 OpenMP threads
Press 'q' or Ctrl-C to abort, almost any other key for status
apple123        (user5)
dictionary      (user1)
1111            (user2)
```