

CYBER SECURITY AND ETHICAL HACKING

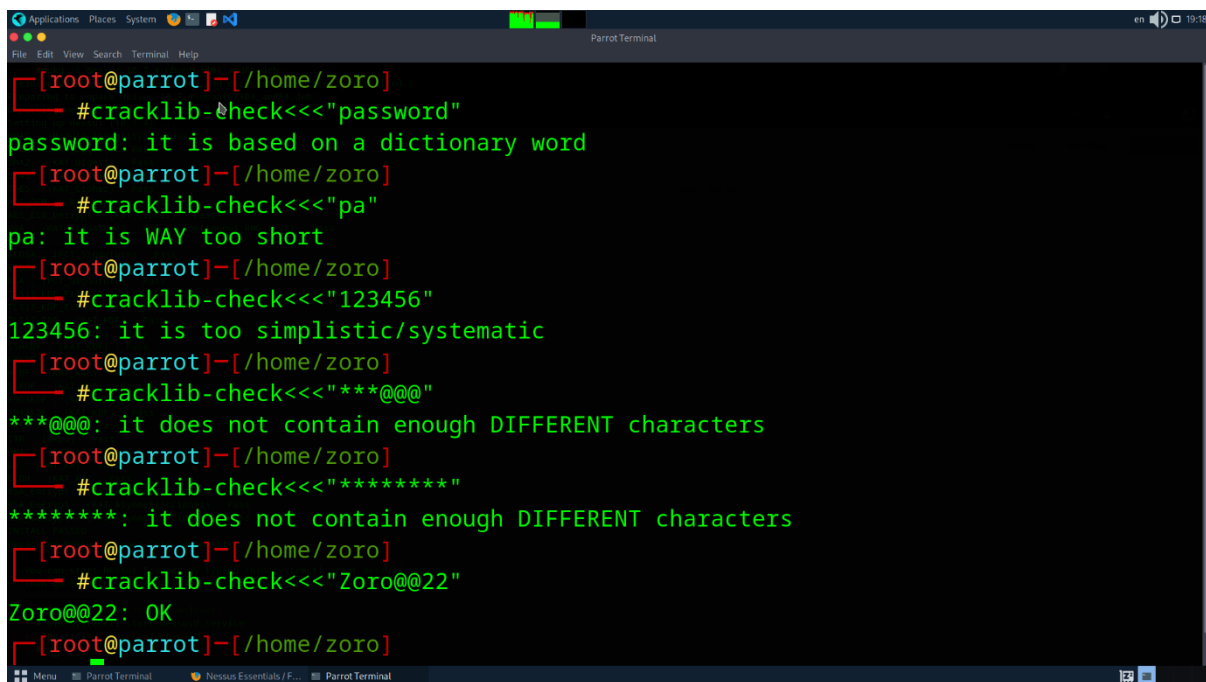
TASK – 1

PASSWORD STRENGTH CHECKER

METHOD-1

By using cracklib tool we can check password strength

Command : `cracklib-check<<<" "`

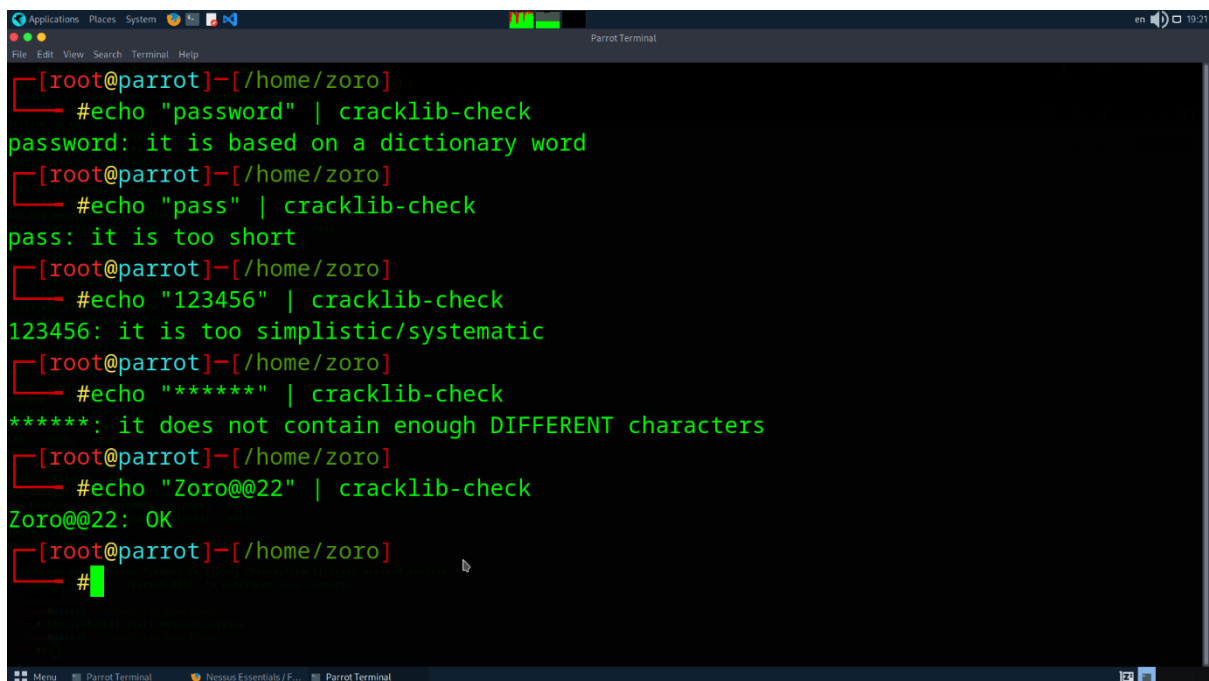


```
[root@parrot]-[/home/zoro]
#cracklib-check<<<"password"
password: it is based on a dictionary word
[root@parrot]-[/home/zoro]
#cracklib-check<<<"pa"
pa: it is WAY too short
[root@parrot]-[/home/zoro]
#cracklib-check<<<"123456"
123456: it is too simplistic/systematic
[root@parrot]-[/home/zoro]
#cracklib-check<<<"***@@"
***@@: it does not contain enough DIFFERENT characters
[root@parrot]-[/home/zoro]
#cracklib-check<<<"*****"
*****: it does not contain enough DIFFERENT characters
[root@parrot]-[/home/zoro]
#cracklib-check<<<"Zoro@@22"
Zoro@@22: OK
[root@parrot]-[/home/zoro]
```

METHOD-2

BY USING COMMAND CALLED

echo “ ” | cracklib-check



```
[root@parrot]-[/home/zoro]
#echo "password" | cracklib-check
password: it is based on a dictionary word
[root@parrot]-[/home/zoro]
#echo "pass" | cracklib-check
pass: it is too short
[root@parrot]-[/home/zoro]
#echo "123456" | cracklib-check
123456: it is too simplistic/systematic
[root@parrot]-[/home/zoro]
#echo "*****" | cracklib-check
*****: it does not contain enough DIFFERENT characters
[root@parrot]-[/home/zoro]
#echo "Zoro@@22" | cracklib-check
Zoro@@22: OK
[root@parrot]-[/home/zoro]
#
```