

## Password Cracking

Use a john the ripper hashcat to perform brute-force attacks on password hashes.

Steps of Password Cracking Follow as:

Open kali-linux operating system.

1. `sudo -i`
2. `useradd (name)`  
(eg:- `useradd tina`)
3. `passwd (name)`  
(eg:- `passwd tina`)
4. `Grep name /etc/passwd`  
(eg:- `grep tina /etc/passwd`)
5. `Grep name /etc/shadow`  
(eg:- `grep tina/etc/shadow`)
6. `nano hash1.txt`
7. `apt-get install john`
8. `john --list=formats`
9. `john --format=crypt hash1.txt`
10. Copy the passwd till 7:: at step 5
11. `nano h1.txt`
12. `john -format=crypt h1.txt`
13. `nano h111.txt`

14. john -format=raw=MD5 h111.txt