# Kali Linux Tutorial 🔥 - VirtualBox Setup, SSH, and Decrypt Password | MPrashant

* Kali linux is an exciting and powerfil linux distribution designed specifically for cybersecurity enthusiasts.
* It is developed, maintained and funded by offensive security
* With tools like metasploit and nmap pre-installed, you can simulate cyber-attacks to find vulnerabilities in networks and systems.
* This helps in understanding how hackers operate and learning how to defend against them
* Kali linux includes tools like Aircrack-ng that allow you to test the security of wifi networks.
* You can see how secure your network is and learn about wireless security practices
* Tools like autopsy and foremost help you recover and analyze data from digital devices
* This can be crucial for understanding data breaches and investigate cybercribes
* To do password decryption via kali linux follow these commands

Say I give simple password as 12345

Command1 to save password in password.txt - echo ‘12345’ | openssl passwd -1 -stdin > password.txt

Command2 to read password.txt – cat password.txt(this will give the encryted password, so 12345 will be converted to some $12362.362e8@, something like this

Then to get the real password, just type john password.txt, so this command will try to decrypt all possibilities of the encryted password and give you the real password 12345

Here the password was 12345 which was simpler, the harder you set the password as the harder It takes to decrypt it, moral of the story is PASSWORD DIFFICULT BANO WARNA KOI HACK KAR LEGA