# Assignment-2

P. MONISH 21BCE9517

In this let's explore Metasploit tool in kali LinuxOS and scan the own computer and find the vulnerabilities and exploits in it.

# Step-1

 First we have to get the ipv4 address of the system then we are checking and scan the system using nmapcommand.

#### Command: map 192.168.0.109

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## Step-2

#### Command: map 192.168.0.109 -sV

- We can see port no 139 and 445 resembles SMB. So we have to explore for exploits in smb.
- Now lets open Metasploit in our kali Linux which is exploit on framework that gives access to on resystem.

# Step-3

Command: sudo msfconsole

## Step-4

Command: grep scanner search smb

 We can enter "search smb" or "grep scanner search smb".

## Step-5

Command: use auxiliary/scanner/smb/smb\_ms17\_010

 In this way we can run a scan on any system. we can gain theaccess of the system too if it is we find the vulnerabilities in that auxiliary scan.