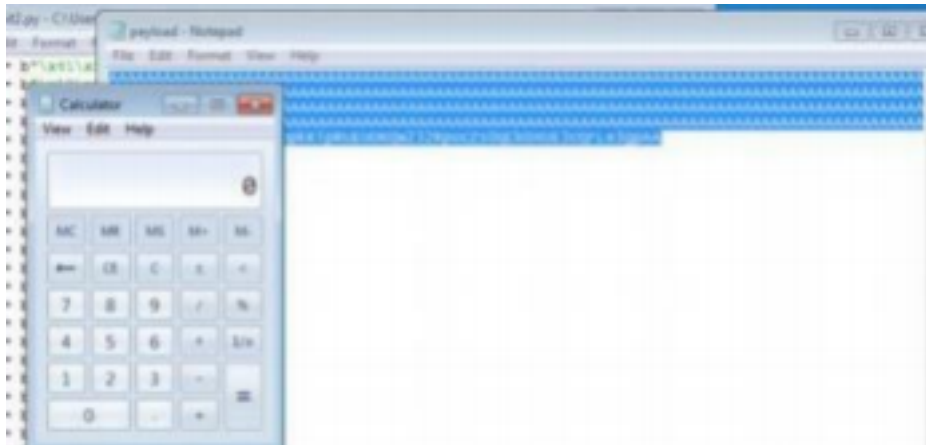
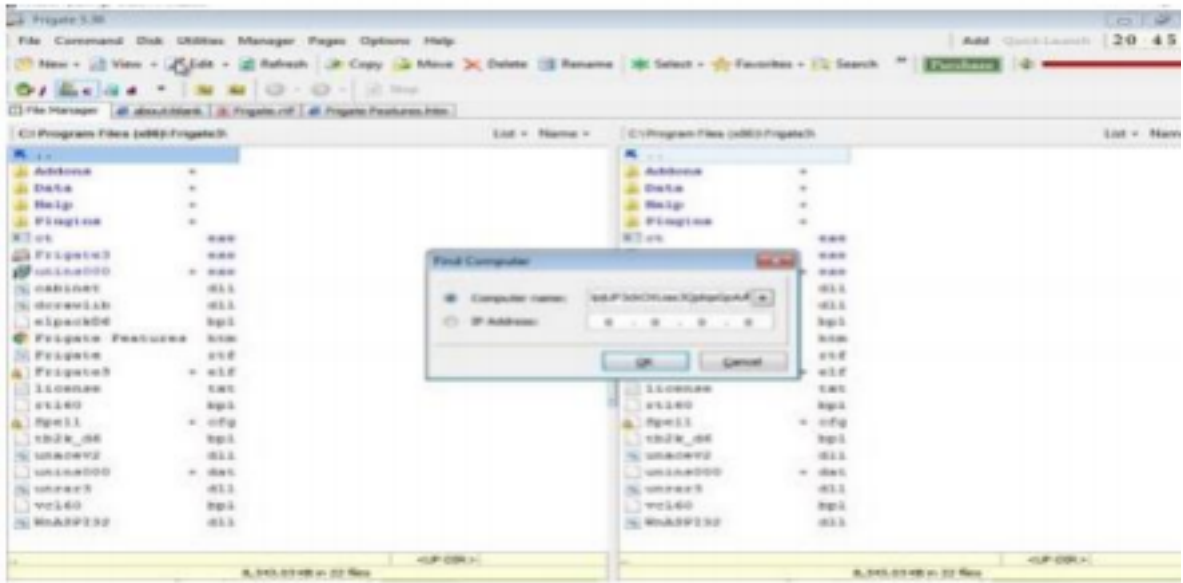


NAME: BHARANI NIKESH S
REG NO.: 18BCN7041

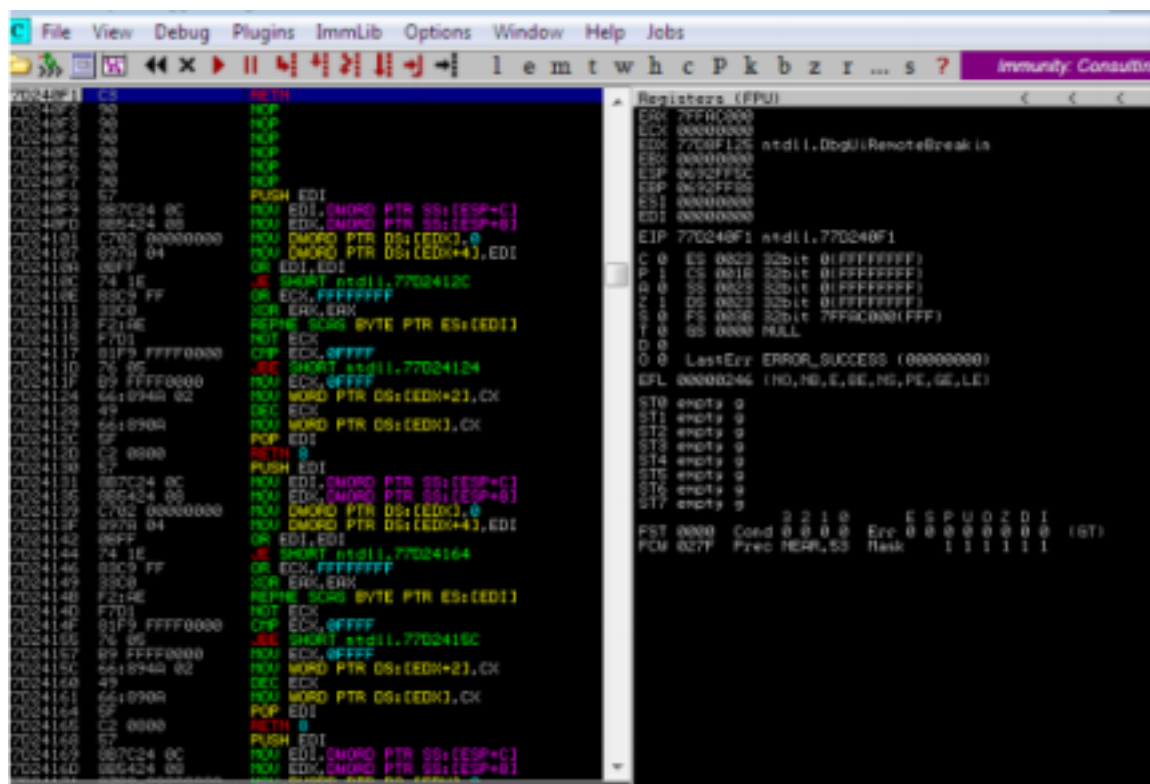
The screenshot shows a Windows XP desktop environment. At the top, a taskbar displays the 'Frigate 3.36' application icon. Below the taskbar, a menu bar includes 'File', 'Command', 'Disk', 'Utilities', 'Manager', 'Pages', 'Options', and 'Help'. A toolbar contains icons for 'New', 'View', 'Edit', 'Refresh', 'Copy', 'Move', 'Delete', 'Rename', and a 'Purchase' button. A status bar at the bottom of the menu area shows '174 in 17 files'.

Two File Explorer windows are open. The left window shows the 'C:\Program Files' directory with a list of folders including 'Common Files', 'DVD Maker', 'Frigate3' (selected), 'Google', 'Internet Explorer', 'Microsoft Games', 'MSBuild', 'Reference Assemblies', 'Uninstall Information', 'Windows Defender', 'Windows Mail', 'Windows Media Player', 'Windows NT', and 'Windows Photo Viewer'. The right window shows the contents of 'C:\Program Files\Frigate3', listing files such as 'Spell.cfg', 'tb2k_d6.bpl', 'unins000.dat', 'unrar3.dll', 'vol60.bpl', 'WnASF132.dll', 'ct.exe', 'Frigate3.exe', 'unins000.exe', 'cabinet.dll', 'dorewlib.dll', 'elpackD6.bpl', 'Frigate Features.htm', 'Frigate.rtf', 'license.txt', and 'rtl60.bpl'. The status bar at the bottom of the right window indicates '8,062.43 KB in 21 files'.

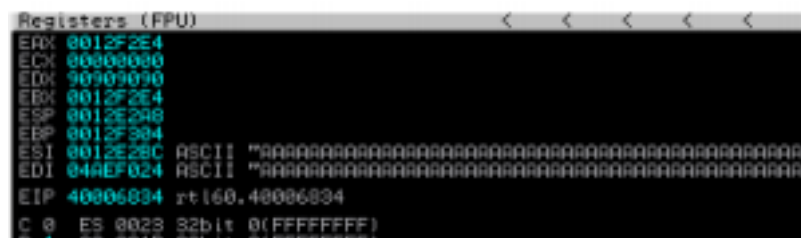
[illegible]



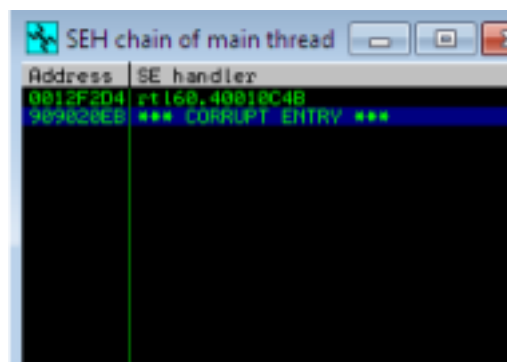
2. Attaching debuggers and checking the addresses of various registers.



Check for EIP address:



Check SHE chain:



The various registers while exploiting:

0006834 664A F8 MOV ECK,DWORD PTR DS:[EDX-8]
0006837 49 DEC ECK
0006839 7C 10 JL SHORT rt160.40006840
000683A F8:FF4A F8 LOCK DEC DWORD PTR DS:[EDX-8]
000683E 75 0A JNC SHORT rt160.4000684A
0006840 50 PUSH EAX
0006841 8D42 F8 LEA EAX,DWORD PTR DS:[EDX-8]
0006844 E9 9BC7FFFF CALL rt160.0System@FreeHent@qarpv
0006849 58 POP EAX
000684A C3 RETN
000684B 90 NOP
000684C 52 PUSH EAX
000684E 89C3 MOV EBX,EBX
0006850 8906 MOV ESI,EDX
0006852 8B13 MOV EDX,DWORD PTR DS:[EBX]
0006854 85D2 TEST EDX,EDX
0006856 74 1A JE SHORT rt160.40006872
0006858 C703 00000000 MOV DWORD PTR DS:[EBX],0
000685E 664A F8 MOV ECK,DWORD PTR DS:[EDX-8]
0006861 49 DEC ECK
0006862 7C 0E JL SHORT rt160.40006872
0006864 F8:FF4A F8 LOCK DEC DWORD PTR DS:[EDX-8]
0006868 75 08 JNC SHORT rt160.40006872
000686A 8D42 F8 LEA EAX,DWORD PTR DS:[EDX-8]
000686D E8 72C7FFFF CALL rt160.0System@FreeHent@qarpv
0006872 83C3 84 ADD EBX,4
0006875 4E DEC ESI
0006876 ^75 DA JNC SHORT rt160.40006852
0006878 5E POP ESI
0006879 58 POP EBX
000687A C3 RETN
000687B 90 NOP
000687C 85D2 TEST EDX,EDX
000687E 74 24 JE SHORT rt160.40006894
0006880 664A F8 MOV ECK,DWORD PTR DS:[EDX-8]
0006883 41 INC ECK
0006884 7F 1A JS SHORT rt160.400068A0
0006886 50 PUSH EAX
0006887 52 PUSH EDX
0006888 8B42 FC MOV EAX,DWORD PTR DS:[EDX-4]
000688B E9 5C000000 CALL rt160.0System@NewAnsIString@qarpv
0006890 89C2 MOV EDX,EBX
0006892 58 POP EAX
0006893 52 PUSH EDX
0006894 8B40 FC MOV ECK,DWORD PTR DS:[EDX-4]
0006897 E9 98C7FFFF CALL rt160.0System@Hovet@qarpv
000689C 5A POP EAX

Registers (FPU)
EAX 0012F2E4
ECX 00000000
EDX 00000000
EBX 0012F2E4
ESP 0012F2A0
EBP 0012F304
ESI 0012F2BC ASCII "AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA"
EDI 00000000 ASCII "AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA"
EIP 40006834 rt160.40006834
C 0 ES 0023 32bit 0(FFFFFFFF)
P 1 CS 001B 32bit 0(FFFFFFFF)
A 0 SS 0023 32bit 0(FFFFFFFF)
Z 0 DS 0023 32bit 0(FFFFFFFF)
S 1 FS 003B 32bit 7FFDF000(FFF)
T 0 GS 0000 NULL
D 0
O 0
0 0 LastErr ERROR_SUCCESS (00000000)
EFL 00010286 (NO,NB,NE,A,S,PE,L,LE)
ST0 empty 0
ST1 empty 0
ST2 empty 0
ST3 empty 0
ST4 empty 0
ST5 empty 0
ST6 empty 0
ST7 empty 0
FST 4020 Cond 1 0 0 0 Err 0 0 1 0 0 0 0 0 (E0)
FCW 1372 Prec NEAR,64 Mask 1 1 0 0 1 0