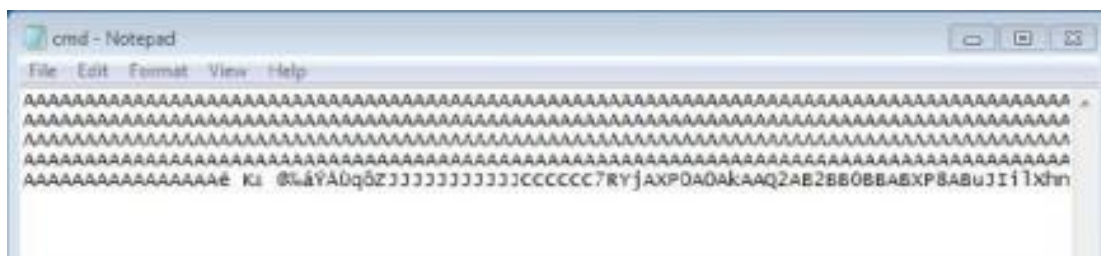
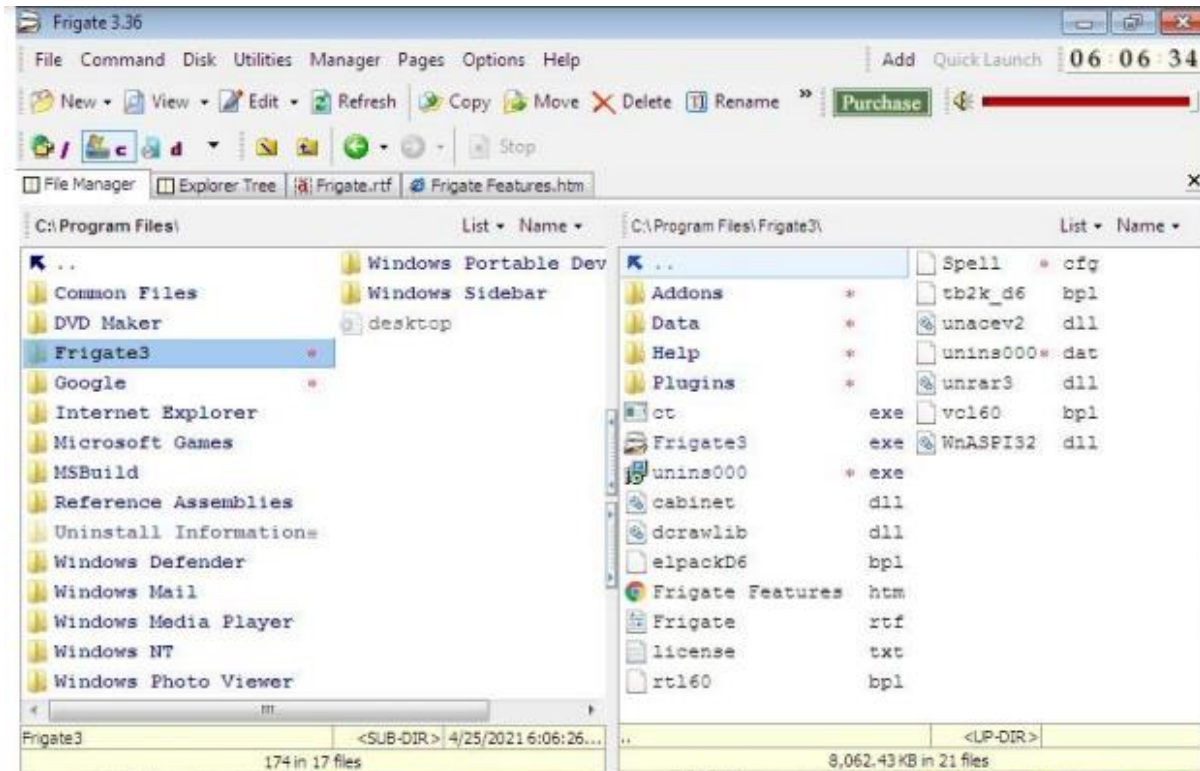


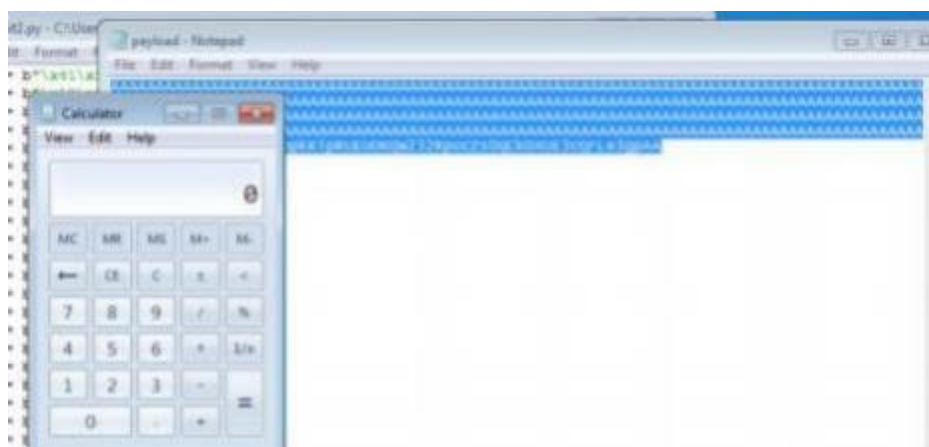
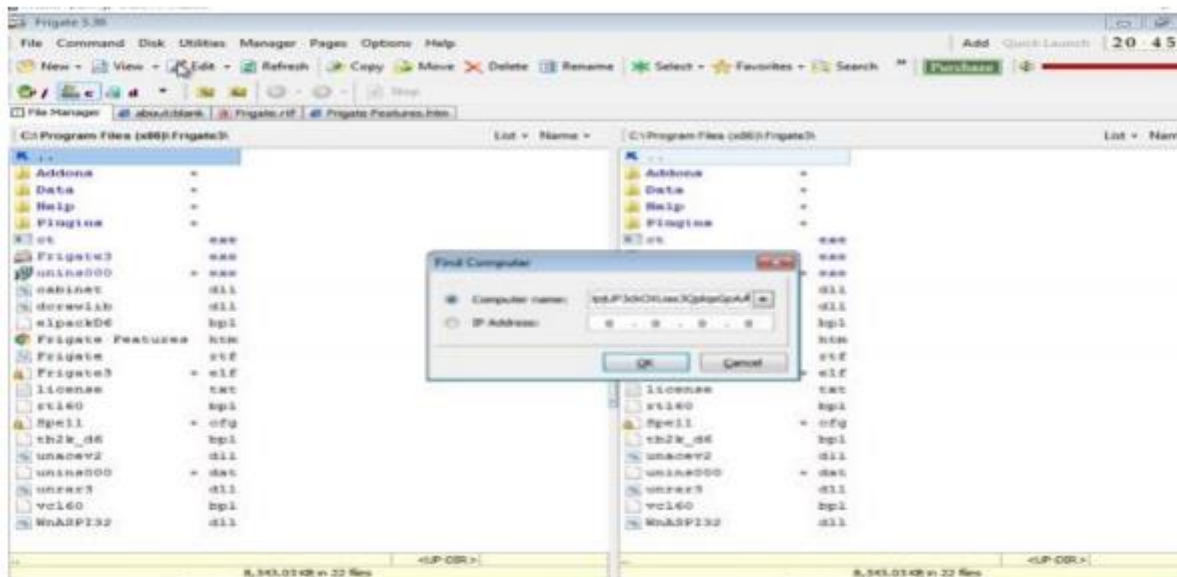
SECURE CODING LAB-10

NAME: G SINDHU

REG NO.: 18BCN7098

1.Download of frigate3_pro_v36 and deploy into windows 7.





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

0006834	8B4A F8	MOV ECX, DWORD PTR DS:[EDX-8]	EAX	0012F2E4
0006837	49	DEC ECX	ECX	00000000
0006838	7C 10	JL SHORT rt160.40006840	EDX	30905090
000683A	F0:FF4A F8	LOCK DEC DWORD PTR DS:[EDX-8]	EBX	0012F2E4
000683E	75 0A	JNZ SHORT rt160.40006844	ESP	0012F2A8
0006840	50	PUSH EAX	EBP	0012F304
0006841	8D42 F8	LEA EAX, DWORD PTR DS:[EDX-8]	ESI	0012E2BC ASCII "AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA"
0006844	E8 9BC7FFFF	CALL rt160.0System@Freeflen4qarpv	EIP	0012E2BC ASCII "AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA"
0006849	58	POP EAX		
000684A	C3	RETN		
000684B	90	NOP		
000684C	53	PUSH EBX		
000684D	56	PUSH ESI		
000684E	89C3	MOV EBX, EAX		
0006850	89D6	MOV ESI, EDX		
0006852	8B13	MOV EDI, DWORD PTR DS:[EBX]		
0006854	85D2	TEST EDI, EDI		
0006856	74 1A	JE SHORT rt160.40006872		
0006858	C703 00000000	MOV DWORD PTR DS:[EBX], 0		
000685E	8B4A F8	MOV ECX, DWORD PTR DS:[EDX-8]		
0006861	49	DEC ECX		
0006862	7C 0E	JL SHORT rt160.40006872		
0006864	F0:FF4A F8	LOCK DEC DWORD PTR DS:[EDX-8]		
0006868	75 08	JNZ SHORT rt160.40006872		
000686A	8D42 F8	LEA EAX, DWORD PTR DS:[EDX-8]		
000686D	E8 72C7FFFF	CALL rt160.0System@Freeflen4qarpv		
0006872	83C3 04	ADD EBX, 4		
0006875	4E	DEC ESI		
0006876	75 DA	JNZ SHORT rt160.400068E2		
0006878	5E	POP ESI		
0006879	58	POP EBX		
000687A	C3	RETN		
000687B	90	NOP		
000687C	85D2	TEST EDI, EDI		
000687E	74 24	JE SHORT rt160.400068A4		
0006880	8B4A F8	MOV ECX, DWORD PTR DS:[EDX-8]		
0006883	41	INC ECX		
0006884	7F 1A	JG SHORT rt160.400068A0		
0006886	59	PUSH EAX		
0006887	52	PUSH EDI		
0006888	8B42 FC	MOV EAX, DWORD PTR DS:[EDX-4]		
000688B	E8 5C000000	CALL rt160.0System@NewAns1StrIng\$qqv		
0006890	89C2	MOV EDI, EAX		
0006892	58	POP EAX		
0006893	52	PUSH EDI		
0006894	8B40 FC	MOV ECX, DWORD PTR DS:[EAX-4]		
0006897	E8 98C7FFFF	CALL rt160.0System@New\$qqv\$upv		
000689C	5A	POP EDI		

Registers (FPU)			
EAX	0012F2E4		
ECX	00000000		
EDX	30905090		
EBX	0012F2E4		
ESP	0012F2A8		
EBP	0012F304		
ESI	0012E2BC	ASCII "AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA"	
EIP	0012E2BC	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	
O 0			
O 0	LastErr	ERROR_SUCCESS (00000000)	
EFL	00010286	(NO,NB,NE,A,S,PE,L,LE)	
ST0	empty	g	
ST1	empty	g	
ST2	empty	g	
ST3	empty	g	
ST4	empty	g	
ST5	empty	g	
ST6	empty	g	
ST7	empty	g	
FST	4020	Cond 1 0 0 0	Err 0 0 1 0 0 0 0 (E0)
FCW	1372	Prec NEAR,64	Mask 1 1 0 0 1 0