

# SECURE CODING LAB-9

CSE-2010

SLOT-L23&L24

DONE BY

HEMANTH KUMAR R

18BCN7028

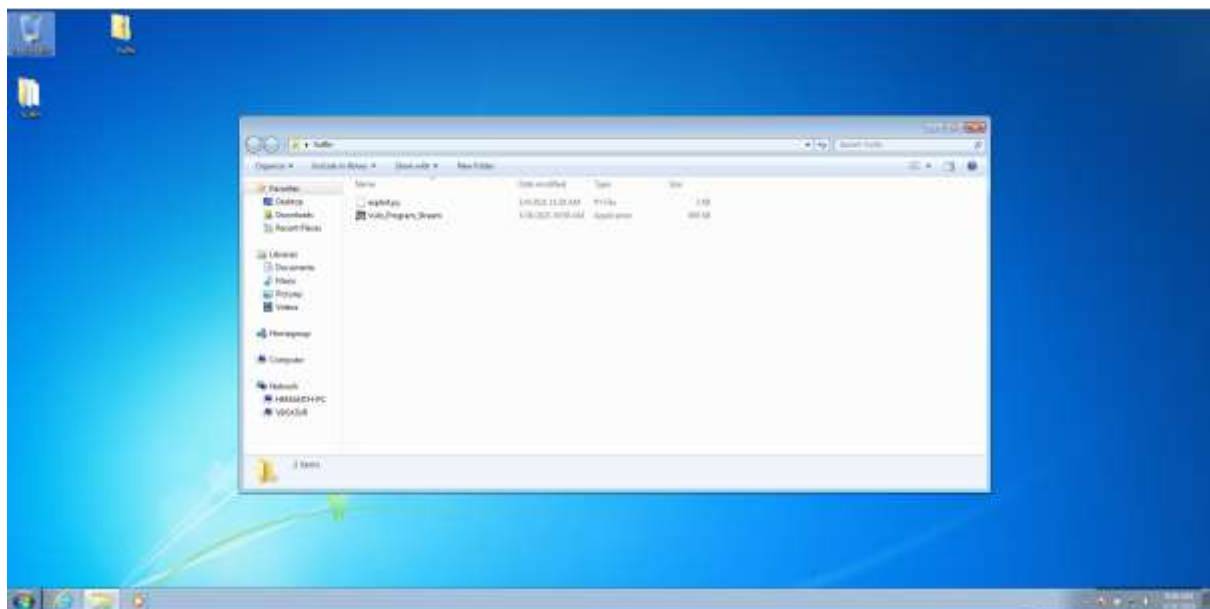
**Download Vulln.zip from teams.**

↓ > This PC > Downloads				
	Name	Date modified	Type	Size
ss	✓ Today (1)			
	Vulln	31-05-2021 21:07	Compressed (zipp...	785 KB
	✓ Last month (2)			
ts	Project Review-1 Template	27-04-2021 19:52	Microsoft PowerPo...	251 KB
00.12	nm assignment (1)	23-04-2021 22:43	Adobe Acrobat D...	3,909 KB
	✓ Earlier this year (2)			
ts	01-Cloud Non CAT Abstract Sheet	27-03-2021 18:03	Microsoft Word 97...	118 KB
ts	As a Man Thinketh 21st Century Edition	26-03-2021 12:14	Adobe Acrobat D...	1,362 KB
c (C:)				
me (D:)				

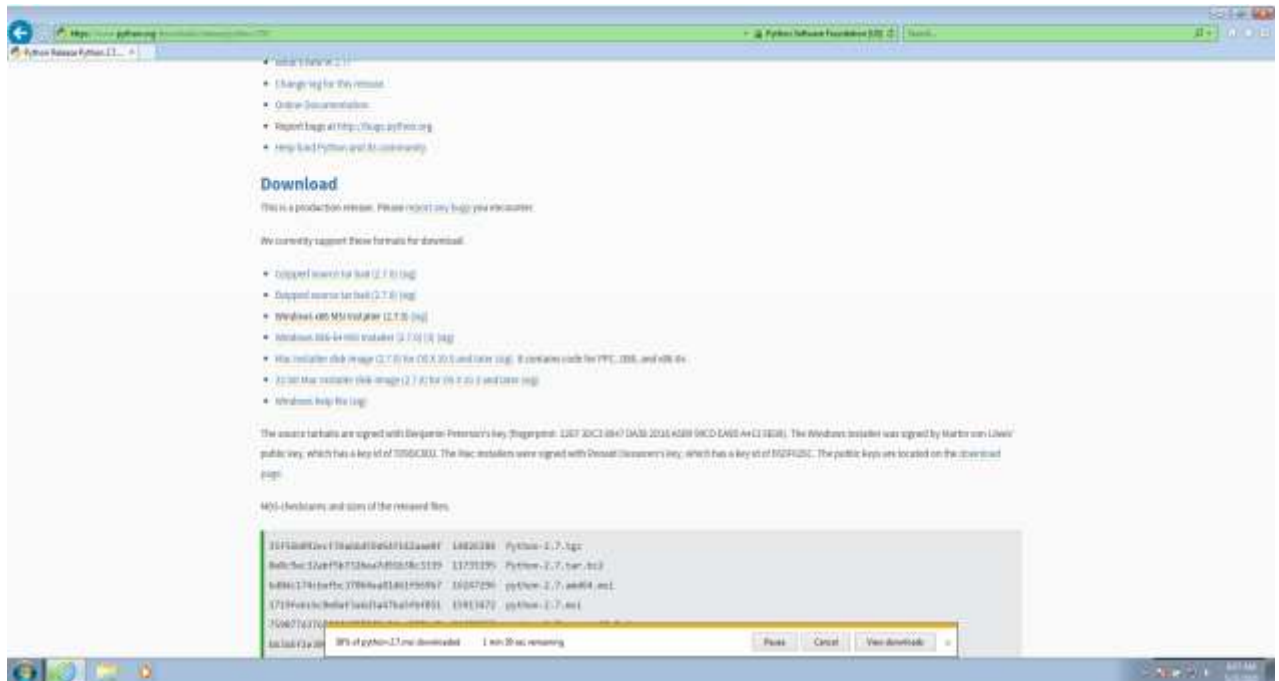
**Deploy a virtual windows 7 instance and copy the Vulln.zip into it.**



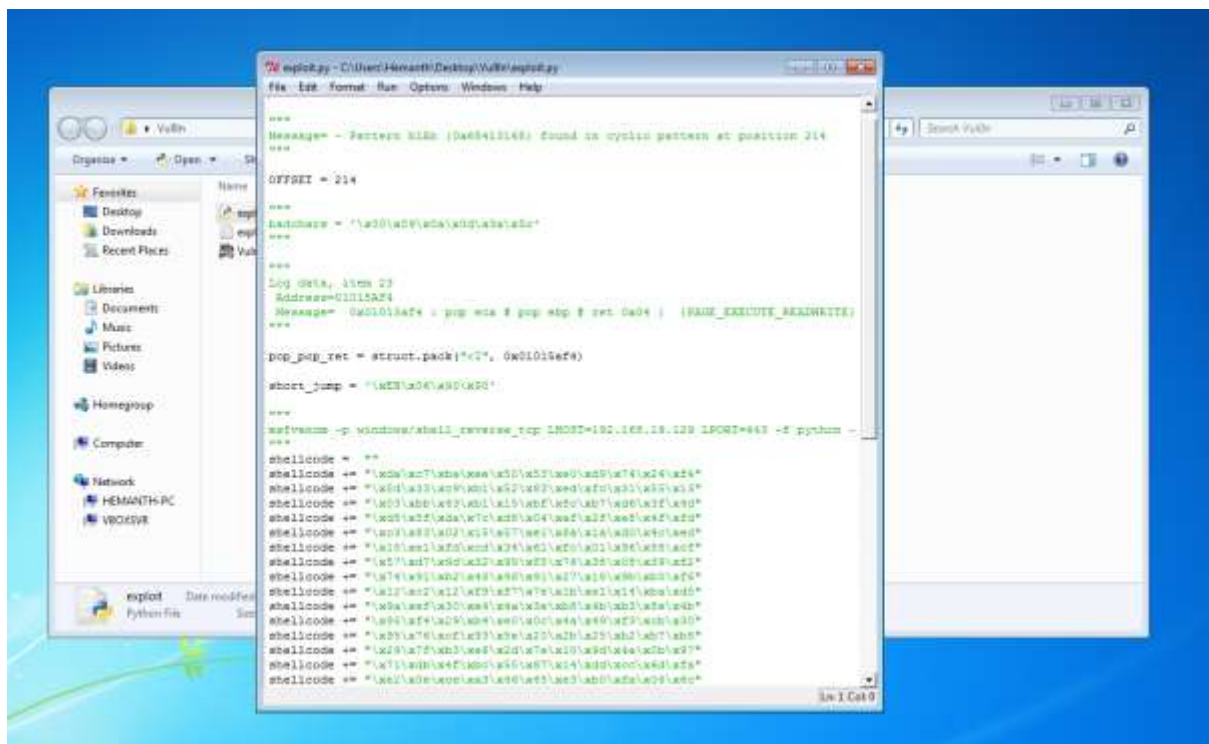
**Unzip the zip file. You will find two files named exploit.py and Vuln\_Program\_Stream.exe**



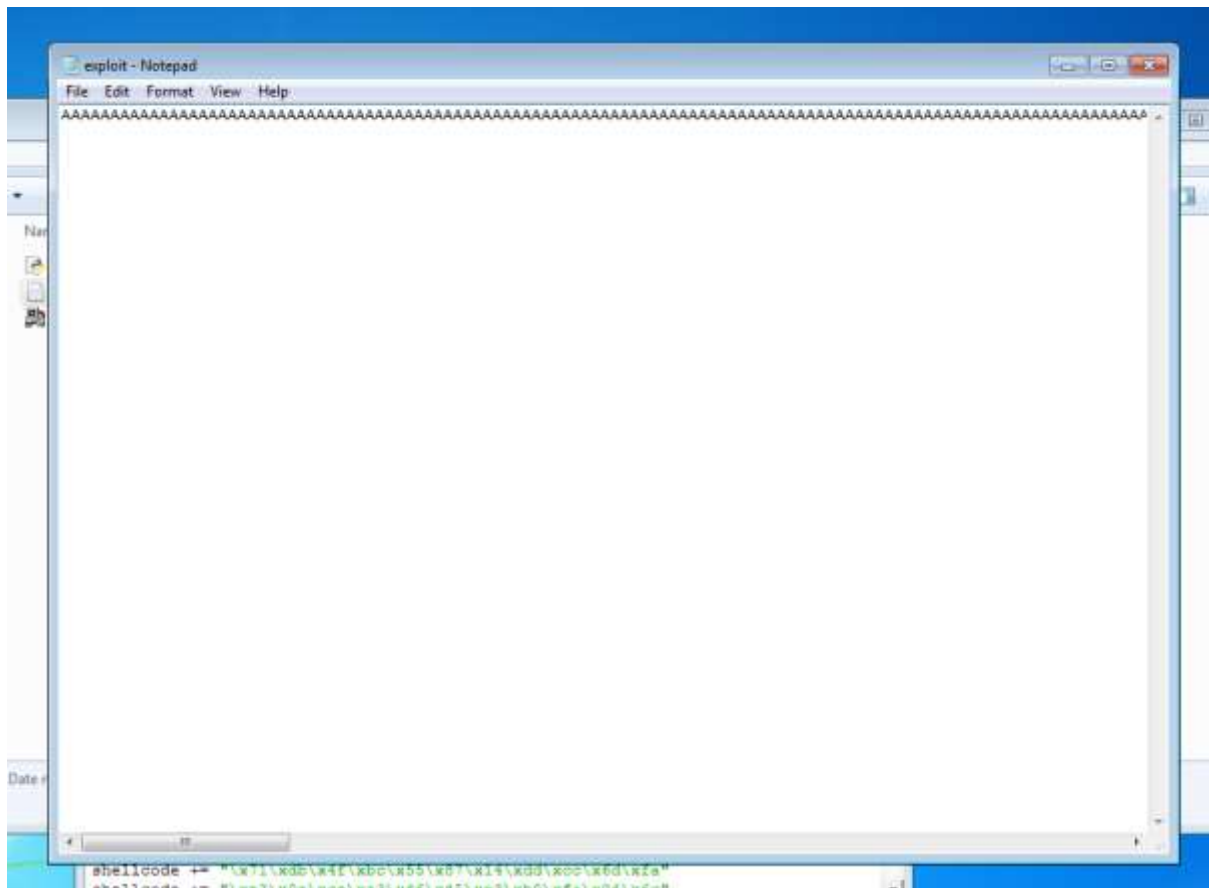
**Download and install python 2.7.\* or 3.5.\***



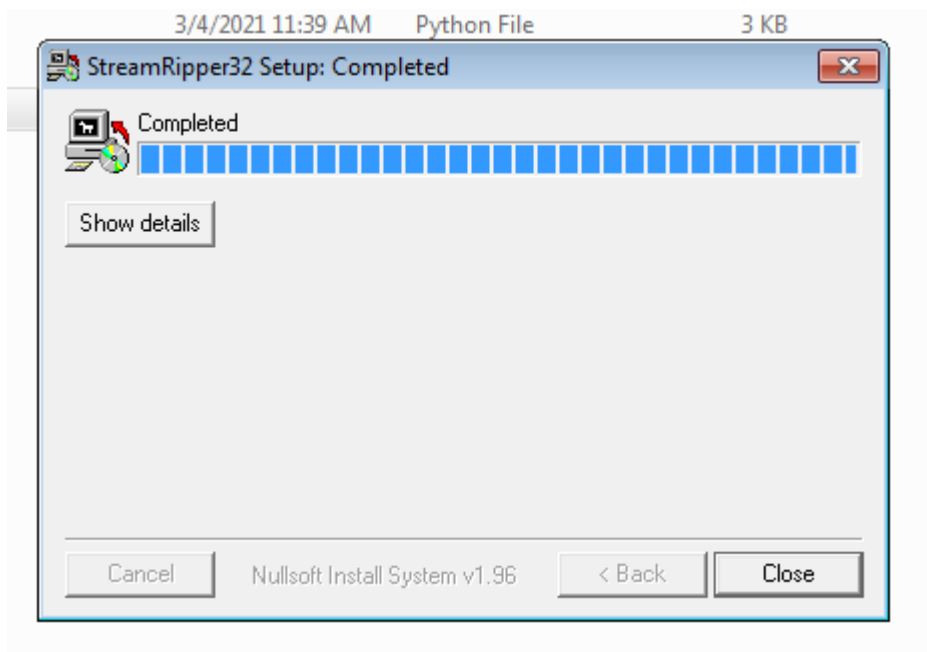
**Run the exploit script to generate the payload**

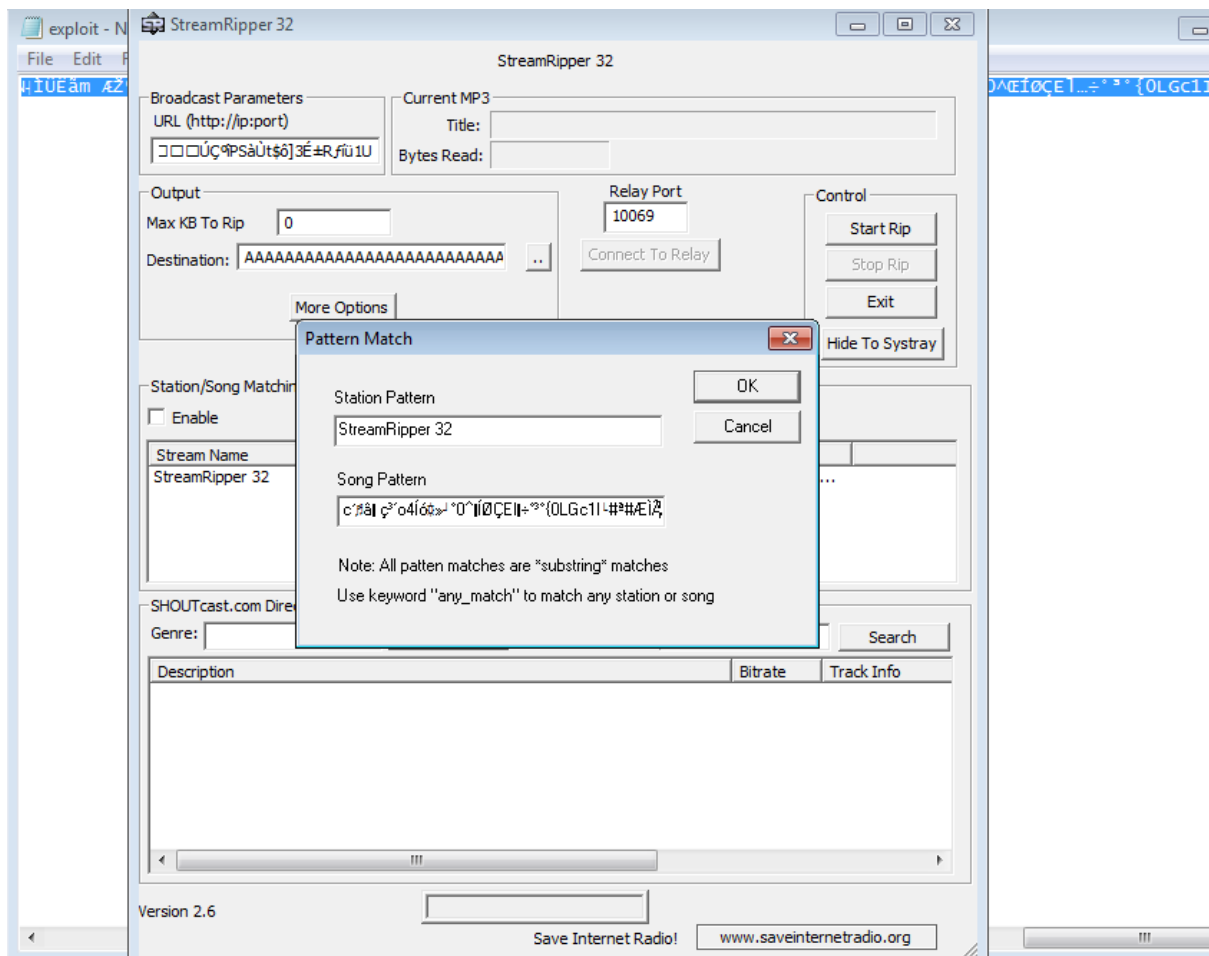


**Generated the payload by running exploit.py**



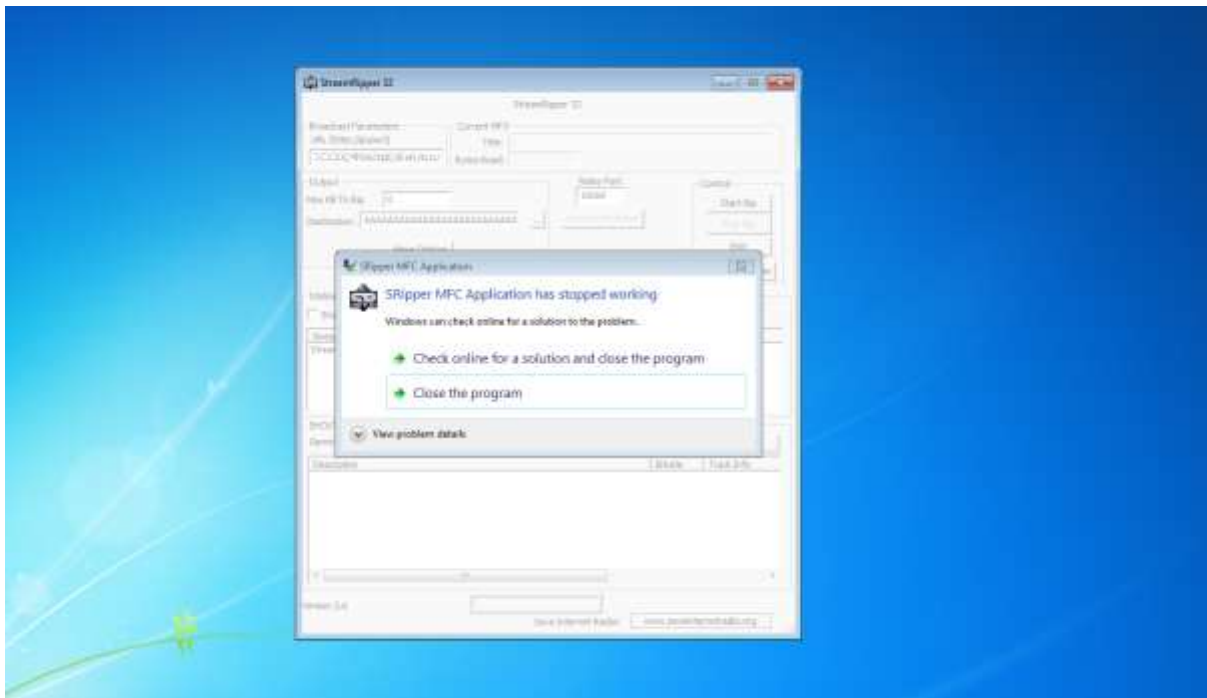
**Install Vuln\_Program\_Stream.exe and Run the same**





**Vulnerability found**

Try to crash the Vuln\_Program\_Stream program and exploit it



Try to erase the disk but error occurred.

```
C:\Windows\system32\cmd.exe - diskpart
05/31/2021 09:53 AM <DIR> Temp
08/15/2018 04:08 AM <DIR> tracing
05/31/2021 05:43 PM 5,949 TSSysprep.log
06/10/2009 02:41 PM 94,784 twain.dll
07/13/2009 10:32 PM <DIR> twain_32
11/20/2010 08:25 PM 51,200 twain_32.dll
06/10/2009 02:41 PM 49,680 twunk_16.exe
07/13/2009 06:14 PM 31,232 twunk_32.exe
06/10/2009 01:31 PM 51,867 Ultimate.xml
08/15/2018 04:47 AM 2,518 vmgcoinstall.log
07/13/2009 08:20 PM <DIR> Uss
07/13/2009 10:32 PM <DIR> Web
07/13/2009 10:09 PM 403 win.ini
05/31/2021 05:28 AM 15,884 WindowsUpdate.log
07/13/2009 06:14 PM 9,728 winhlp32.exe
05/31/2021 09:11 AM <DIR> winsxs
06/10/2009 01:52 PM 316,640 WMSysPr9.prx
07/13/2009 06:39 PM 10,240 write.exe
29 File(s) 5,544,108 bytes
54 Dir(s) 16,105,418,752 bytes free

C:\Windows>cd System32
C:\Windows\System32>diskpart
```

```
C:\Windows\System32\diskpart.exe

Microsoft DiskPart version 6.1.7601
Copyright (C) 1999-2008 Microsoft Corporation.
On computer: HEMANTH-PC

DISKPART> list disk

   Disk ###  Status              Size       Free      Dyn  Gpt
   -----  -
   Disk 0    Online                32 GB        0 B

DISKPART> select disk 0

Disk 0 is now the selected disk.

DISKPART> clean

Virtual Disk Service error:
Clean is not allowed on the disk containing the current boot,
system, pagefile, crashdump or hibernation volume.

DISKPART> _
```