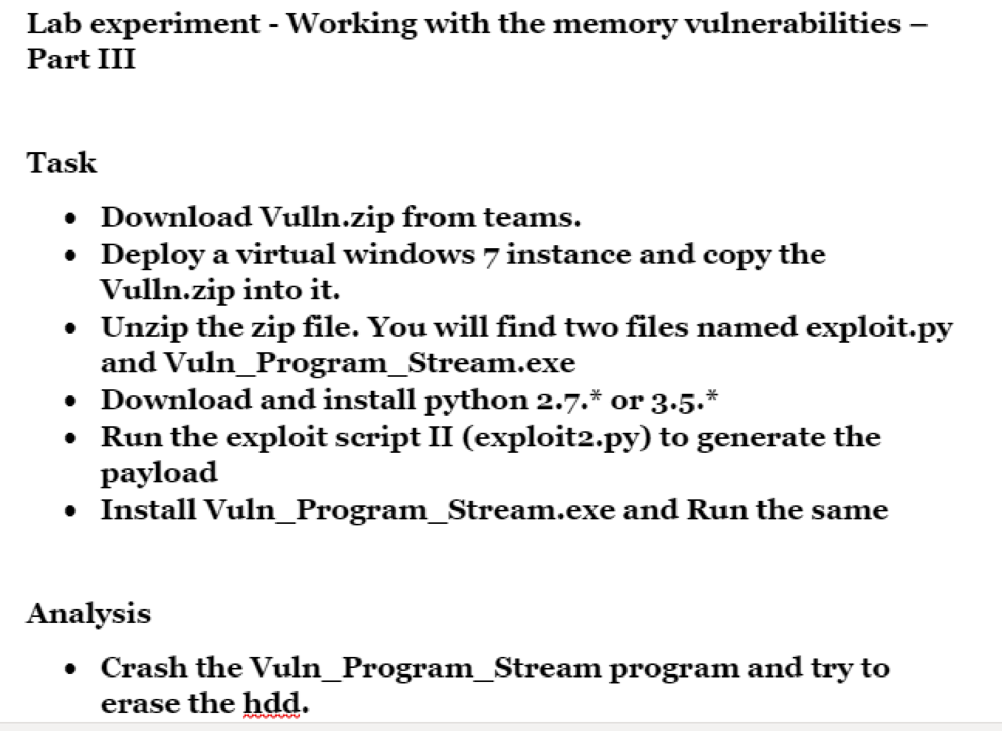
SECURE CODING CSE2010

LAB-9

CH.SAI SUMEDH

REG NO:-18BCN7092

SLOT:-L39+L40



Lab experiment - Working with the memory vulnerabilities – Part III

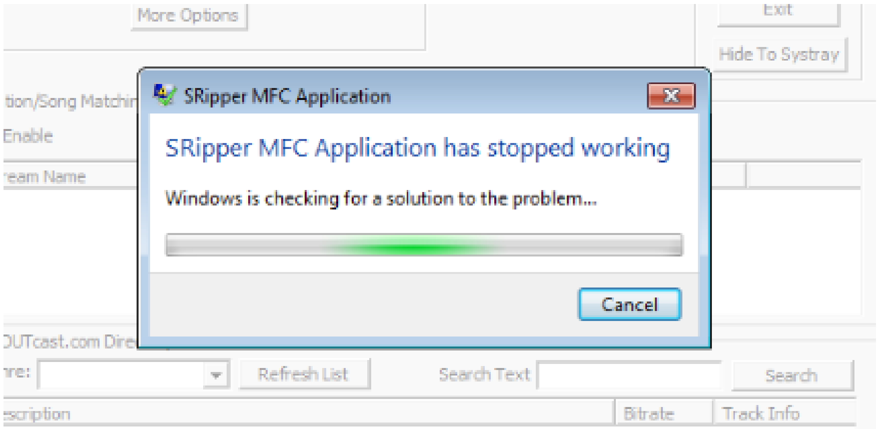
Task

- **Download Vulln.zip from teams.**
- **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 II (exploit2.py) to generate the payload**
- **Install Vuln_Program_Stream.exe and Run the same**

Analysis

- **Crash the Vuln_Program_Stream program and try to erase the hdd.**

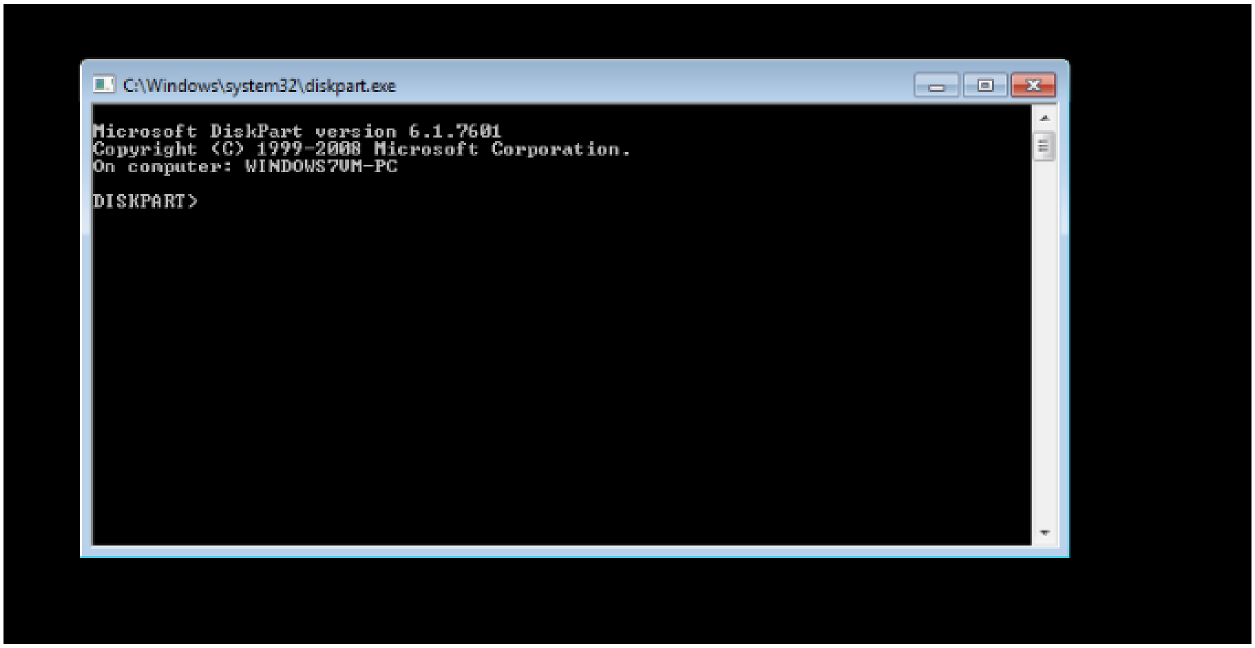
After crashing the software it will automatically open command prompt and it runs diskpart command.



SRipper MFC Application

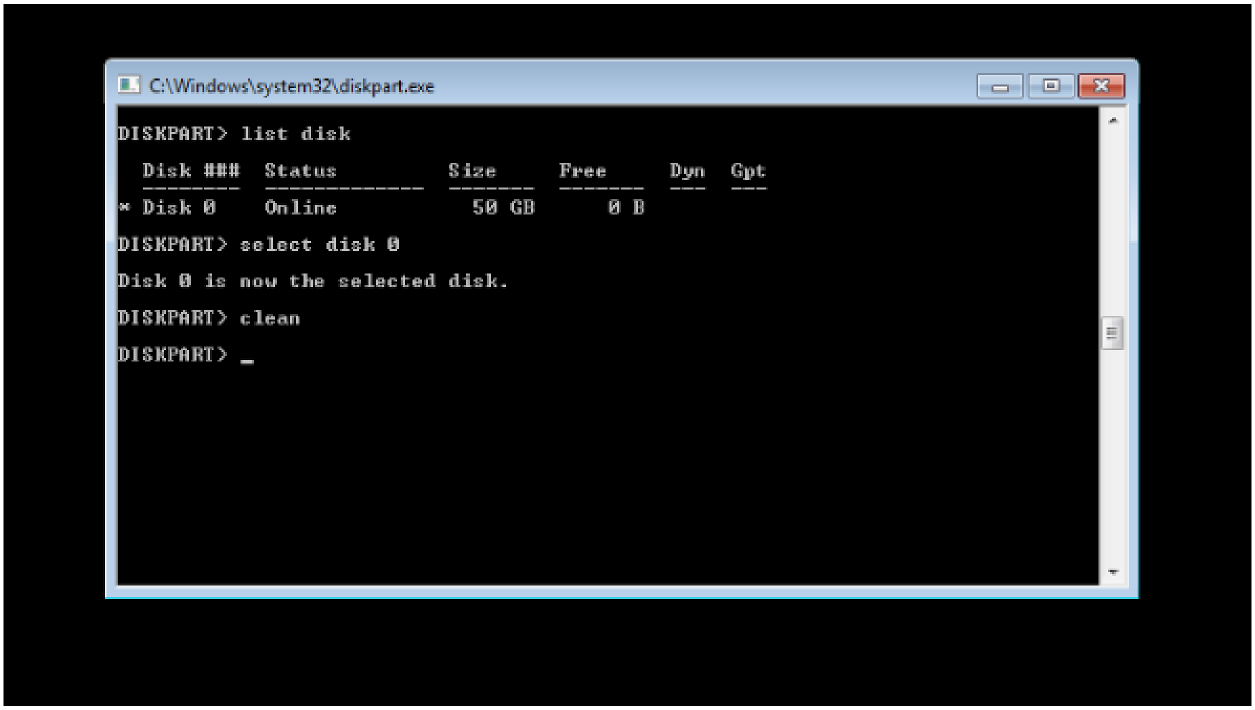
SRipper MFC Application has stopped working

Windows is checking for a solution to the problem...



```
Microsoft DiskPart version 6.1.7601
Copyright (C) 1999-2008 Microsoft Corporation.
On computer: WINDOWS7VM-PC

DISKPART>
```



```
DISKPART> list disk

  Disk ###  Status         Size     Free     Dyn  Gpt
  --------  -------------  -------  -------  ---  ---
* Disk 0    Online           50 GB      0 B

DISKPART> select disk 0

Disk 0 is now the selected disk.

DISKPART> clean

DISKPART> _
```

Eventhough I have tried to erase the C drive it hasn’t erased.