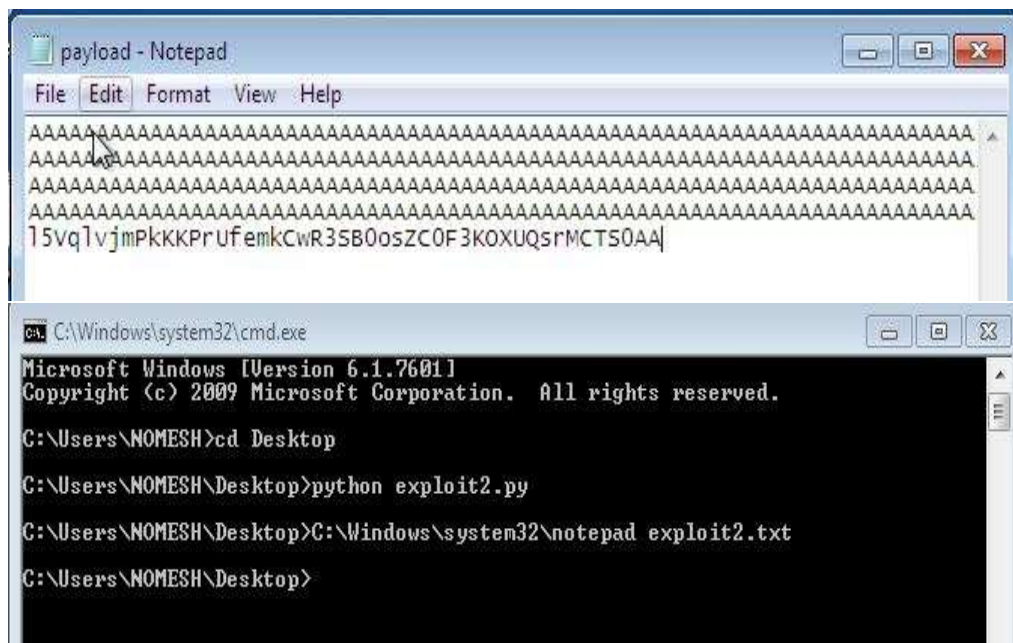


# Secure Coding

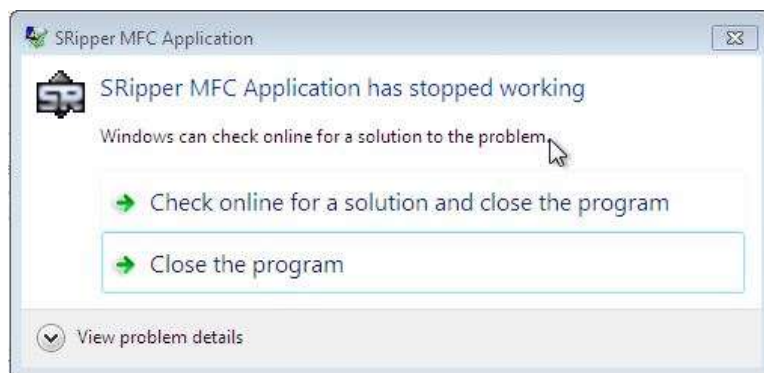
## LAB - 9

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### Running exploit2.py



The screenshot shows a Windows desktop with two windows. The top window is a Notepad application titled 'payload - Notepad'. It contains a menu bar with 'File', 'Edit', 'Format', 'View', and 'Help'. The text area is filled with a large block of 'A' characters, followed by a single line of a long alphanumeric string: '15vq1vjmPkkKPrufemkCwR3SB0osZC0F3K0XUQsrMCT50AA'. The bottom window is a Command Prompt titled 'C:\Windows\system32\cmd.exe'. It displays the following text: 'Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved. C:\Users\NOMESH>cd Desktop C:\Users\NOMESH\Desktop>python exploit2.py C:\Users\NOMESH\Desktop>C:\Windows\system32\notepad exploit2.txt C:\Users\NOMESH\Desktop>'. The Command Prompt window has a black background and white text.



### Trying to Erase HDD

```
C:\Windows\system32>diskpart
Microsoft DiskPart version 6.1.7601
Copyright (C) 1999-2008 Microsoft Corporation.
On computer: WIN-M1SUPMDUCS5

DISKPART> list disk

   Disk ###    Status         Size      Free      Dyn  Gpt
   ----
   Disk 0      Online            60 GB         0 B

DISKPART> select disk0

Microsoft DiskPart version 6.1.7601

DISK  - Shift the focus to a disk. For example, SELECT DISK.
PARTITION - Shift the focus to a partition. For example, SELECT PARTITION.
VOLUME - Shift the focus to a volume. For example, SELECT VOLUME.
UDISK - Shift the focus to a virtual disk. For example, SELECT UDISK.

DISKPART> select disk 0
```

```
Microsoft DiskPart version 6.1.7601

DISK          - Shift the focus to a disk. For example, SELECT DISK.
PARTITION    - Shift the focus to a partition. For example, SELECT PARTITION.
VOLUME       - Shift the focus to a volume. For example, SELECT VOLUME.
UDISK        - Shift the focus to a virtual disk. For example, SELECT UDISK.

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>
```

Unable to Erase the disk due to the above occurred error.