

# Assignment-6: Creating Malware

## CYSE450 Ethical Hacking and Penetration Testing

### **Task-A: Creating virus in Windows VM**

1. Boot your Windows VM
2. Open the Notepad editor
3. Write the script using VBA to create a virus which opens a pop-up dialog box using the correct values to display the **Critical Message icon** , **OK** and **Cancel** buttons. (You may refer to slide# 7 for the description).
4. Save the file as **XXXX.vbs** in Desktop folder. **[NOTE:** Replace XXXX with your choice for filename]
5. Now navigate to the Desktop folder and open the .vbs file.

Submit the screenshot of the code written in Notepad and the output window after opening the .vbs file.

### **Task-B: Creating Trojan to infect the Target Machine (Localhost).**

#### **Required Tool:**

**Windows XP/7 - Two VMs are preferred.**

1. Open the browser in windows VM (prefer Firefox if using winXP in VirtualBox or UTM).
2. Download ProRat 1.9, using the source link: <https://prorat.software.informer.com/>
3. Using the instructions demonstrated in the slide, extract the compressed folder for ProRat.
4. Create the ProRat Server with the **icon** of your choice and bind with some downloadable software (for example, Notepad++)
5. To infect the Target System, First, run the software in the Client/attacker windows XP or 7 Machine.

6. Then, connect with the Target system using the IP address of the second windows VM (If you can install the second windows VM) or you can use the local host machine (which should be there as with IP as 127.0.0.1) and the default password.
7. Once connected to target VM, Complete the following tasks:
  - a. Open the IExplorer and disable the close button so that the target machine cannot use the close button to close the Internet Explorer.
  - b. Open the chat option, as shown below, to send any message to the target Machine.

