**Outline**

* This is an individual assignment.
* You will be assigned one of the following virus topics.
* Research your topic to learn about computer malware and to prepare a presentation about your topic.
* Suggested Slide Topics and layout for your presentation is provided below.
* The presentation should be between 5-10 minutes and will be given in front of the class.
* Slides should be shared with Mr. Nestor ([p0079141@pdsb.net](mailto:p0079141@pdsb.net)) via. Google drive.

**Virus Topics**

1. CIH Virus – 1998
2. Melissa Worm – 1999
3. Code Red Worm – 2001
4. Slammer Worm – 2003
5. SoBig.F Worm – 2003 - Sanvir
6. My Doom Worm – 2004
7. Stuxnet Worm – 2010
8. Cryptolocker Trojan – 2013
9. ZeroAccess Botnet – 2013
10. Superfish Adware – 2014
11. Locky Ransomware – 2016
12. WannaCry Ransomware - 2017

**Suggested Slide Layout**

1. Overview
   * Summarize what is known about the malware
     + SoBig is currently the second mosty powerful computer worm while Mydoom is first
     + Cost around 37 billion dollars to fix the virus.
     + Computer worm is a standalone computer malware program
   * Provide: Year / Creator / Origin
     + August 2003 Microsoft Windows Computers
     + Sobig.A was found in January 2003
     + Sobig.B was released in May 18 2003
     + Was called Palyh but after renamed to Sobig.B after finding out it was a new generation of Sobig.
     + Sobig.C later came May 31.
     + SoBig D came a few weeks later
     + Sobig.E on June 25
     + SobigF which was random emails
   * Its classification: Virus / Worm / Trojan / DoS Attack / Email Phish, etc.
     + It was a worm that affected millions of computer that are internet connected
2. Any Other Interesting Facts
   * This will be topic dependent
     + Sobig F is one of the biggest viruses of all time
     + Affected everywhere in the world
     + Rumors say who created was in Russia but wasn’t confirmed
3. Its Targets
   * Target Hardware Type: e.g. PC, Network, Smartphone, etc.
     + Affected Computer with internet access using email
   * Target Operating System: e.g. Windows, Mac, Android, etc.
     + Microsoft windows
   * Target Software Applications
4. What it Did
   * What it did to Computer Hardware
   * What it did to Computer Software
   * What it did to Computer Data
     + Sobig F infected the first 1000 files it found on the computer
5. How it Worked
   * How did it get into a computer
     + Using attachments in a email
   * How did it spread between computers
     + From the network
6. Its Effect
   * Summarize its Financial impact
     + Around 37 billion dollars to fix
   * Summarize its User Base impact
7. Its Control
   * How was it discovered
     + Sobig.F was discovered when you got an email from [big@boss.com](mailto:big@boss.com)
     + It added a random file attached to it ending with .mht and .hlp
     + When the user opens the file you automatically get the virus
   * How was it stopped
     + The creator of the worm released it before coding proportions across the network
   * How can it be removed
     + Download McAfee Stinger
     + Close the virus using task manager
     + Enter safe mode on your computer
     + Run the virus scanner and remove the virus