Assignment A. 4- Viruses and Worms

Worm: A computer worm is a type of malware that tends to spread itself from computer to computer.

Viruses: A computer virus, much like a flu virus, is designed to spread from host to host and has the ability to replicate itself.

What it does to an infected computer/ user

Worm https://us.norton.com/internetsecurity-malware-what-is-a-computer-worm.html

Virus https://www.webroot.com/au/en/resources/tips-articles/computer-security-threats-computer-viruses

How it infects a computer

Worm https://blog.emsisoft.com/en/28154/computer-worms/

Virus https://www.livescience.com/32619-how-does-a-virus-infect-your-computer.html

How it spreads

Worm https://computer.howstuffworks.com/question339.htm

Virus <https://www.allbusiness.com/how-do-computer-viruses-spread-1329-1.html>

How is it different from other types of malware

Worm <https://tools.cisco.com/security/center/resources/virus_differences>

https://www.geeksforgeeks.org/types-of-virus/

How to detect this type of malware

Worm <http://www.tech-pro.net/howto_002.html>

https://infograph.venngage.com/p/57096/worm-virus-infographic

Virus https://electronics.howstuffworks.com/how-to-tech/how-to-remove-computer-virus1.htm

How to remove this type of malware

Worm <https://www.malwarebytes.com/computer-virus/>

Virus https://www.avg.com/en/signal/how-to-get-rid-of-a-virus-or-malware-on-your-computer

1. News report(s) of specific case/outbreak of your malware

https://www.computerhope.com/vinfo/iloveyou.htm

1. Summarize what happened

A computer worm originating in the Philippines. It began to infect computers on May 5, 2000. The worm spread spread through email. The subje ct read “ILOVEYOU.” As soon as the attachment is opened the computer is infected. It was a simple file for many, disguised as a Microsoft Windows email. It was a data file with an infected file attached to the end of it. As soon as it was opened the computer is infected there was no going back.

1. When and where it happened

It started on May 5, 2000. The virus has caused companies, governments, and end-users extreme grief shutting down mail systems, mail servers, bank systems and even causing issues with pagers.

1. Its affects: computers infected / countries attacked / financial damage

Within ten days, the virus is estimated to have infected 10% of all the networked computers in the world, costing $15 billion to remove in the United States alone.

1. Who was responsible (if available)

The worm was reported to have come from a couple of the ages 23 and 27 after a raid of their Apartment on Monday (05/08/2000).

ONE WAY TO INFECT

Attached to the end of a data file: infected file

Virus code is appended

Appears as a normal excel file

Takes advantage of weakness or bug in the program

Gets the program to do unattended things

Forcing original programs to perform completely unattended things

Very easy to spread the file without knowing

Remove; Anti virus software