



QUEZON CITY UNIVERSITY
COLLEGE OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY



IAS101 – FUNDAMENTAL OF INFORMATION ASSURANCE AND SECURITY 1
LABORATORY ACTIVITY 3

INSTRUCTIONS:

A. Group Members:

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B. Search for 1 malicious software and do the following:

1. Name of malicious software?

- Worm

2. Damage/s that it can incur?

- Worms can modify and delete files, and they can even inject additional malicious software onto a computer. Sometimes a computer worm's purpose is only to make copies of itself over and over — depleting system resources, such as hard drive space or bandwidth, by overloading a shared network. In addition to wreaking havoc on a computer's resources, worms can also steal data, install a backdoor, and allow a hacker to gain control over a computer and its system settings.

3. How will the virus penetrate the system?

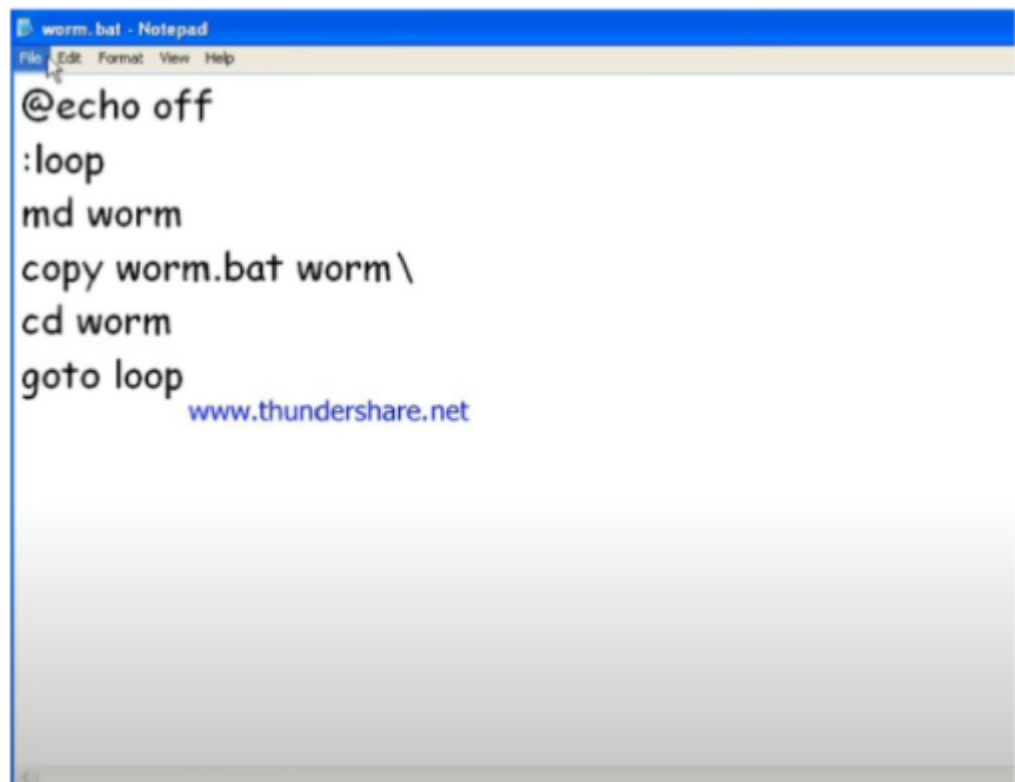
- Worms don't require the activation of their host file. Once a worm has entered your system, usually via a network connection or as a downloaded file, it can then run, self-replicate and propagate without a triggering event. A worm makes multiple copies of itself which then spread across the network or through an internet connection. These copies will infect any inadequately protected computers and servers that connect—via the network or internet—to the originally infected device. Because each subsequent copy of a worm repeats this process of self-replication, execution and propagation, worm-based infections spread rapidly across computer networks and the internet at large.

4. Sample codes of malicious software and how it will work.

- 1 example code for worm virus is this.

Write the code on notepad. Save the file as .bat.file.Execute the file.

After that, it will create a new folder, open the created folder and as you can see it does not have anything inside and it will repeatedly create new folder inside the folder you are trying to open.



```
worm.bat - Notepad
File Edit Format View Help
@echo off
:loop
md worm
copy worm.bat worm\
cd worm
goto loop
www.thundershare.net
```


Screenshot of the group meeting

