

## Module 2: Types of Malware.

- ↓  
Intensive Software
- interrupt computer
  - get sensitive info
  - priv escalation

### WORMS Self-Replicate

- independent reproduces other computers.
- malware program infect itself to computers.
- It can spread to other computers without existing payload.

Damage. ⇒ Bandwidth consumption  
Stops Antimalware

Turning off safe - mem-  
No auto update.

STUTNET → Worm Gample

2000 / US & Israel created  
this code name "Olympic  
Games"

→ It crashed 984  
centrifuges at nuclear  
plants.

→ was invented to infect  
target systems

CONFICKER

→ 2008 targets Microsoft  
OS Windows.

... infected 15 million computers

→ In 1990

in 190 countries.

↳ weak passwords, no security updates.

Courseware open shared folders

→ It uses dictionary attacks.

## Viruses

↳ A program that hides within a harmless program that reproduces itself

↳ It spreads throughout the computer, if file is shared it will spread to others.

Damage :  
- Corrupting files  
- Computer shutdown  
- Taking over basic functions of the OS.

I LOVE YOU → 2000  
Two philipino created, A social engineering trick people into clicking attachments.

open →

I love you  
\$name

\$sendall = { list  
contacts }

~ and send to every ..

1st wave ...  
conduct in user mailing list

\$10 million in Damage.

MEISSA → mass mailing  
virus 1999

infected Word File, send to  
50 ppl when opened.

- Microsoft happened to  
shut down incoming emails  
resulting in \$1.2 Billion  
in damage.

Maj Doom → 2004 \$38  
billion cost

→ affected 1 in every 1  
mail

→ peer - peer  
virus spread.

## SPYWARE

→ unwanted software  
→ malicious gain access &  
damage your  
computer.

→ purpose of spyware is to  
obtain information about an  
individual or company without  
their knowledge or consent.

COOLWEBSEARCH  
↳ installs itself - 2003  
↳ creates private information

↳ create T-  
about users and slow  
the speed of infected  
computers.

## TROJANS →

↳ Malicious code that seem  
legitimate but can take control  
of a computer.

↳ It cannot Replicate.

↳ Crash Computer, Delete  
files, corrupt data,  
Log keystrokes.

PE Studio

Hackers like tech are

always  
must

evolving  
too-

and we