

ICT NEWS

Computer viruses



Computer viruses

TERRIBLE



What is a Computer Viruses?

- A Computer Viruses is a program that can copy itself and infect a computer without the permission or knowledge of the user.
- A Computer Viruses has 2 major characteristics: the abiliti to replicate itself, and the abiliti to attach itself to another computer file...



What is a computer virus?

A virus program contains instructions to initiate some sort of "event" that affects the infected computer. Each virus has a unique event associated with it. These events and their effects can range from harmless to devastating. For example:

- An annoying message appearing on the computer screen.
- Reduced memory or disc space.
- Modification of data.
- Files overwritten or damaged.
- Hard drive erased.

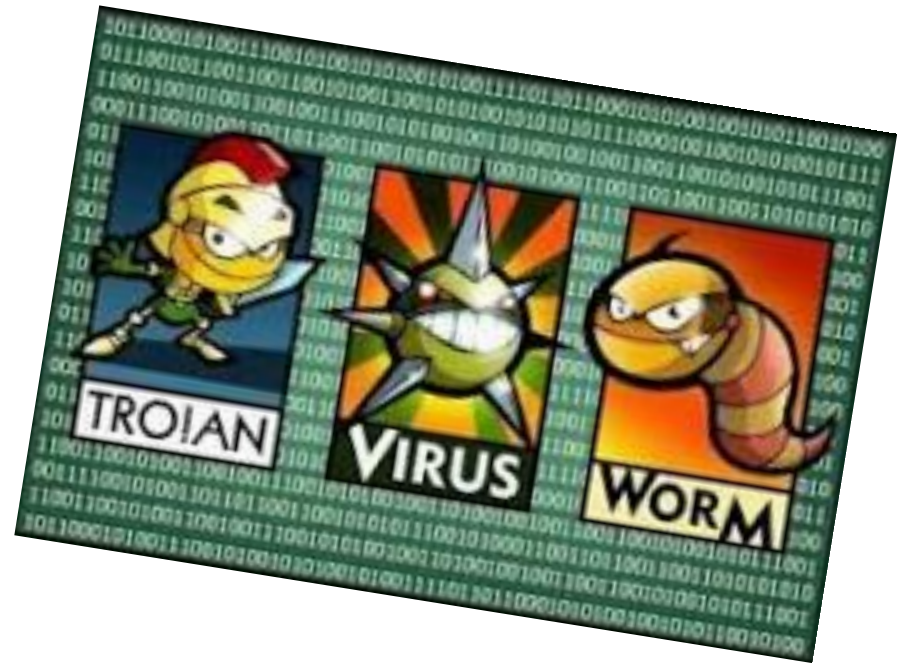
What Computer Viruses Infect?

What Computer **Viruses** Infect?

- ❑ **System Sectors/Boot Records**
 - > Viruses can infect the parts of the system that are used to run programs and perform functions such as start up and shut down.
- ❑ **Files**
 - > Viruses can infect program files. These viruses stick to program files such as .com, .exe, .sys, etc. Some viruses hide in the memory of the computer at first, while others simply attack a specific software program, such as Microsoft Word.
- ❑ **Companion Files**
 - > Viruses can create companion files that are a special type of file that adds files that run on the hard disk.

Types of computer viruses

Worm viruses
Rootkit viruses
Spyware viruses
Zombie viruses
Adware viruses
Winlock viruses
Trojan viruses



PROTECTING AGAINST COMPUTER VIRUSES



https://www.youtube.com/watch?v=fzsVj_wevmc