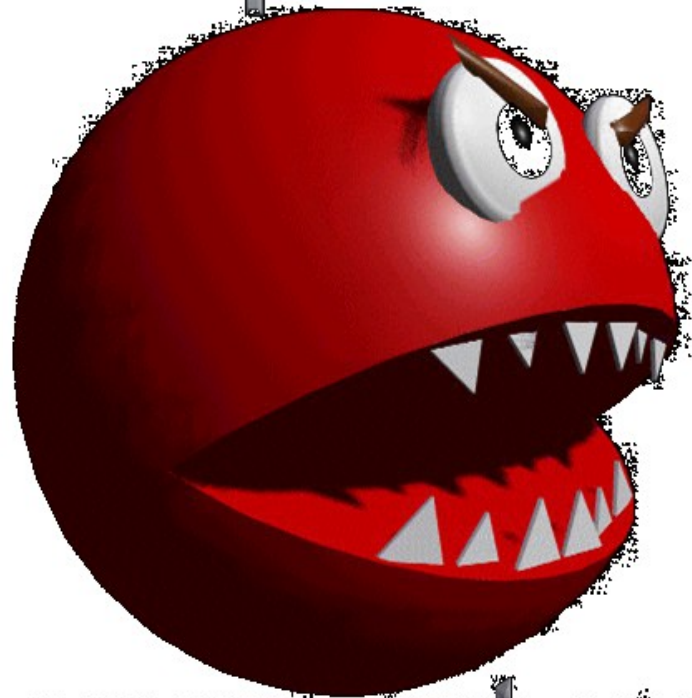# War between Good and Evil.

The battlefield is your PC!

Computer Virus

A computer virus! I'm gonna eat yer FAT!

What is computer virus?

Computer virus refers to a program which damages computer systems and/or destroys or erases data files

Features of Computer Virus

- When a virus infected prog. Runs , the virus code is executed first. One of the first tasks of virus code is to seek other programs not yet infected and then pass on the infection on one or more of them.
- All the virus code may be located at the start if the file, or appended to the host file.
- By use of compression , length of the file remain the same.

Types of Computer Virus
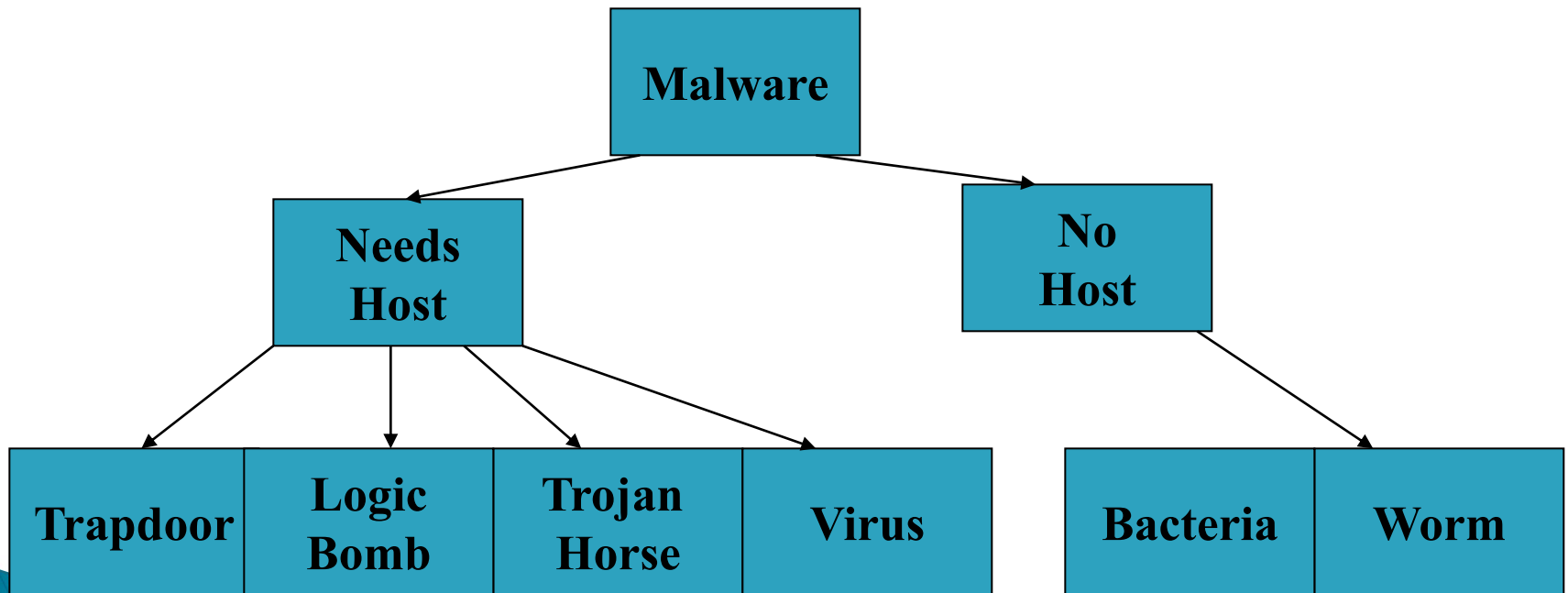
Time Bomb

Logical Bomb

Worm

Boot Sector Virus
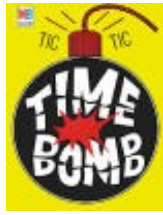
Macros Virus

Script Virus

Trojan Horse

Malware Taxonomy

Trap doors

- Method of bypassing normal authentication methods
- Remains hidden to casual inspection
- Can be a new program to be installed
- Can modify an existing program
- Also known as Back Doors

Time Bomb

A **time bomb** is a virus program that performs an activity on a particular date

Logical Bomb

A **logical bomb** is a destructive program that performs an activity when a certain action has occurred.

Worm Virus

A **worm** is also a destructive program that fills a computer system with self-replicating information, clogging the system so that its operations are slowed down or stopped

Boot Sector Virus

A **boot sector virus** infects boot sector of computers. During system boot, boot sector virus is loaded into main memory and destroys data stored in hard disk
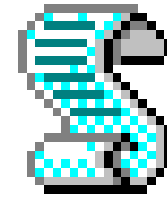
Macro Virus

A **macro virus** is associated with application software like word and excel. When opening the infected document, macro virus is loaded into main memory and destroys the data stored in hard disk
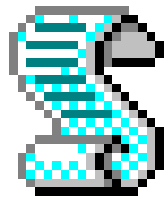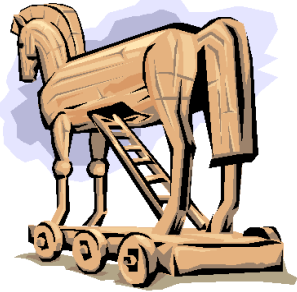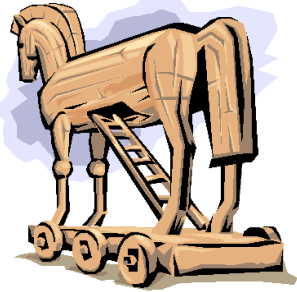
Script Virus

Commonly found script viruses are written using the Visual Basic Scripting edition (VBS) and the JavaScript programming languages

Trojan Horse

Trojan Horse is a destructive program. It usually pretends as computer games or application software. If executed, computer system will be damaged.

Trojan Horse

Trojan Horse usually comes with monitoring tools and key loggers

Actions to prevent virus infection

Always update your anti-virus software at least weekly.
Back up your important files and ensure that they can be restored.
Change the computer's boot sequence to always start the PC from its hard drive

Actions to prevent virus infection

Don't share Drive C: without a password and without read-only restrictions.

Empty floppy drives of diskettes before turning on computers, especially laptops.

Actions to prevent virus infection

Forget opening unexpected e-mail attachments, even if they're from friends

Get trained on your computer's anti-virus software and use it.

Have multiple backups of important files. This lowers the chance that all are infected.

Actions to prevent virus infection

Install security updates for your operating system and programs as soon as possible.

Jump at the chance to learn more about your computer. This will help you spot viruses.