COMPUTER VIRUSES

WEEK 15

Virus

- VIRUS stands for vital Information Resources Under siege

- A computer virus is a program or a set of program that disturbs the normal functionality of a computer.

- Infects or destroys data

- Enter into a computer without the permission or knowledge of the user.

- Virus program are self replicating program which continuously expand their reach by infecting more & more computer files.

Worm

- Type of virus.
- A worm is a malware that transmit itself over a network to infect other computer.
- Worm can be harmful like a virus.
- Worm causes some harm to network such as slowing down communication.

Trojan horse

- It is a code generally hidden in games or spreadsheets.

- Trojan horse spread through social engineering.

- They are hidden & internally destroying our programs & system.

- It's main objective is to harm to the data.

- Trojan horse allow an attacker to access user's personal information such as banking information, password etc.
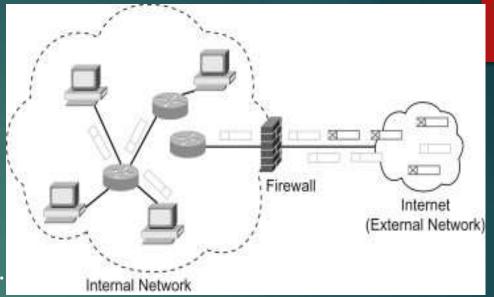
Antivirus

- A type of software that is used to detect and remove viruses is called antivirus software.
- Antivirus contain information about different known viruses.

Firewall

- A network device.

- Hardware and/or software device.

- All data passes through the firewall.

- After examining the data, firewall either block or pass the data i.e. only authorized traffic(defined by the local security policy) will be allowed to pass.

- It establishes a barrier between secured internal network and outside untrusted network (like internet).