

# 1987 - the beginning of pandemics

## **Jerusalem** (MS-DOS)

- Destroys all executable files on infected machines upon every occurrence of Friday the 13th

## **SCA** (Amiga)

- Displays a text every 15th boot
- 40% of the Amiga owners were infected

## **Christmas Tree EXEC** (IBM/PC)

- Displays a snow flow animation
- Paralyzed several international computer networks in December 1987

# The first anti-virus softwares (end of 80's)

## **Virus scanner** (detection)

- Signature based -  
Using a signature database of existing viruses
- Behavior based  
Looking for suspicious code patterns that can be used by viruses

## **Virus removal tools** (sanitation)

- Cleaning the memory and the filesystem