The era of the first self-replicating programs (70's)

ANIMAL (a popular game)

- Replication through the filesystem
- No effect

Simple Joke

Creeper (and **Reaper**) on Tenex OS (Arpanet)

- Replication through a modem and copied itself to the remote system

Disruptive

- Displays the message
  ```
  I'M THE CREEPER : CATCH ME IF YOU CAN
  ```

The **Rabbit** program

Destructive

- Replication through the filesystem
- Reduces system performance till crashing

Anatomy of a Virus

A **virus** can be

- a malicious code embedded in an existing program and replicates itself by infecting other programs through the filesystem or the network

- a program that exists by itself and replicates through the filesystem or network