# Class 2

OS- definition on slides

Firmware – embedded code that allows hardware to talk to the OS

Multitasking-

Pre-emptive: When a tread is blocked, the thread forfeits its time. Scheduling

Co-operative: each program must itself decided not to take all of the resources (processors, screen…)

Multi-user: multiple people logged into 1 machine and each seeing it as their own

Distributed: cluster of computers that act as one. more power, redundancy

Real-time: must react the same way in the same amount out time every time

# Week 3

Viruses:

Root kit / Boot kit – very vicious - has root user control / all permissions

Page fault – when a process is swapped from disk to memory

# Week 4

## Windows Users and Privileges