Lecture 02

- Editing files tools:
  - nano: limited utility
  - pico: limited utility
  - nedit
  - emacs

- Commands are case sensitive

- Remote shell access: ssh (secure shell)

- Galileo is the head node of a cluster of Linux computers (worker nodes)

- Remote graphics:
  - x server: runs on local computer, displays graphics
  - x client: gives instructions from another computer to display graphics

- g++: C/C++ compiler
  - frontend: interacts with user
  - backend: interacts with frontend

- C/C++ program made up of functions
  - must have a main function

- Variables in C (assign values to variables)
- Numbers (integers, floating point numbers)
- Characters

- Data is stored in bits (0 or 1)
- Grouped in groups of 8 called bytes
- Convenient for binary arithmetic