Lecture 2 – questions to answer and skills to master

October 14, 2011

1. How to start a terminal window on Linux?
2. How to run text editor `gedit` and how to create a text file?
3. How to turn on line numbering in `gedit`?
4. What does it mean that GNU/Linux employs multitasking?
5. How to run processes in background on Linux?
6. How to stop running process and how to continue its execution in background?
7. Explain the following commands: `cp`, `mv`, `ls`, `man`, `mkdir`, `bg`, `cd`, `pwd`, `cat`, `more`, `less`?
8. How to display text file content in a terminal window?
9. What is the difference between batch and interactive processing?
10. How to change font size in a terminal window?
11. How to start Octave interpreter?
12. How works Octave built-in function `disp`?
13. How to add, subtract, multiply, divide, raise to a power, and divide modulo in Octave?
14. How works Octave built-in function `input`?
15. How to display the value of shell variable HOME?
16. How to display the current path in a terminal window?
17. What is the difference between absolute and relative file path in Linux?
18. How to set a file attributes to make it readable only to the file owner?
19. What is the command for changing account password?
20. How to find all files in user home directory and its subdirectories whose suffix is `.m` (dot-m)?
21. Describe three features of the `bash` shell that make handling of the command line easier.