

Jaypee Institute of Information Technology, Noida

Operating System and System Programming lab [15B17C1472]

Assignment-2

Instruction:

Students are required to install linux operating system (Ubuntu, Fedora etc) or they can also install virtual box.

For current assignment you can also use JSLinux, an online linux environment for executing commands.

1. Read the followings from Study Material Folder:

1. UNIX Introduction.pdf.

Read the notes and look out for the answers to the given questions:

1. What is UNIX?
2. What is the UNIX environment like?
3. Advantages and disadvantages of UNIX.
- 4 . Different types of UNIX
- 5 . Why do you need to study UNIX when you already have WINDOWS?
6. How to login and access drives and folders?

2. Practice for the following Unix commands with their options

ls, cd, pwd, cat, echo, who, w, type, date, uname, id, whoami, who am i, hostname, mkdir, rmdir, cp, mv, bc, PS1, chmod.

3. Write Linux C Program to print the entire environment variable on the screen.
4. Write Linux C Program to print HOSTNAME using environment variables.