

LAB Assignment 1

Operating Systems (UCS-303)

Instructions: The instructor is required to discuss the following questions and commands with the students. Students are required to make note on these.

1. Introduction to the operating system with key functions.
2. Introduction to the Unix/Linux (Architecture).
3. Concept of Shell.
4. Types of Shell.
5. Command structure.
6. Introduction of basic linux commands (sudo, ls, pwd, mkdir, rmdir, rm, cd, cp, wc, mv, cmp, passwd, who, uname)
7. How to install, update, upgrade and remove any package in linux (apt-get).
8. >, >> option for directing the output of a command.
9. cat command.
10. Compressing and archiving files (zip, tar)

Self-Study: Perform a case study by installing and exploring various types of operating systems on a physical or logical (virtual) machine. (Linux Installation): This is highly recommended that you should take backup of your entire data before start with the installation process.

Reference Link: <https://www.c-sharpcorner.com/article/how-to-install-ubuntu-on-windows-10-using-virtualbox/>