

LAB 1: Working with Linux

Objective

Lab 1 is intended to provide an introduction to Linux operating system. Students will have a hand-on experience with Linux command-line environment to perform basic system operations such as file management, directory management and permission management.

Reference

1. Cobbaut, P. (2015). Linux Fundamentals.
2. Duncan, S. P. (2012). The Linux Command Line. Software Quality Professional, 14(4), 51.
3. Unix concepts and applications, Fourth Edition, Sumitabha Das, TMH.

Practice

Please read the Linux fundamentals book at Chapter 7, 8, and 9. Please practice all commands provide in those chapter to familiarize yourself with the basic and useful commands in Linux before you start to do the require task.

Required Tasks:

1. Navigate to your home directory
2. Create a folder name “**Linux Lab**”
3. Enter the created directory
4. Check the permission of the created directory
5. Create a simple text file named “**yourname_lab1**”, open that text file and write the permission of the directory and explain about that permission inside and then save it.
6. Check the permission of the created file

7. Change permission of the created file to read-only for outside world
8. Create another text file named it “**explanation**”, please write what you have learned using this lab 1 inside that file, and save it.
9. Leave the folder **Linux Lab** one level