**Academy Of Technology**

**Lab Assignment**

**Sub Code: IT 593**

**Subject Name: Operating System Lab**

**Discipline: IT Semester: 5th**

**Assignment 1**

1. Perform the following operations:
2. Create three directories named letter, report and assignment
3. Move to directory letter
4. Create two directories named friendly and formal under letter directory
5. Move to directory report using only one command (from directory letter)
6. Create three directories called personal business school under the directory report (Use only one command)
7. Create a directory called unit under the assignment directory without moving from the report directory
8. Move to your home directory
9. Recursively list all the directories you have created and draw the directory structure
10. Perform the following operations:
11. Make a directory called AOT and change the current working directory to the new directory.
12. In the AOT directory create new folders called A1, A2, and A3.
13. List the folders, then remove the A3 directory and list the folders again to show that it is no longer present.
14. Change the working directory to A1 and use pluma from the command line to create A1.txt with the following personal information:

Name: <student name>

Email: <email id>

Id: <student id>

Date: <date>

1. Exit pluma and copy the new file A1.txt to B1.txt. Verify that both files exist by listing the directory.
2. Rename the B1.txt file to A.txt, then list the directory, and remove the A1.txt file, and list the directory again.
3. Set A.txt to have read and write permission for the owner, but keep the file private from others.