

## Experiment-5

**Title: Test and Run basic Unix commands.**

### **Instructions to Students:**

Perform the following tasks using a Unix/Linux terminal (either installed OS or online simulator). Write down the command you used, its output, and your observations.

**Unix Commands:** pwd, cd, mkdir, rmdir, ls, cat, cp, rm, mv, head, tail, wc.

### **Question:**

**Perform the following tasks using a Unix/Linux terminal (either installed OS or online simulator).**

**Write down the command you used, its output, and your observations.**

1. Display current working directory
2. Create a new directory named **“Your Enrollment Number”**
3. Move into the **“Your Enrollment Number”** directory
4. Create a file named **yourname.txt** and write some text in it
5. View the contents of **yourname.txt**
6. Copy **yourname.txt** to **backup.txt**
7. Rename **backup.txt** to **notes.txt**
8. Display first and last lines of the file **yourname.txt**
9. Count number of lines, words, and characters in **yourname.txt**
10. Delete **notes.txt**
11. Move back to the previous directory and remove **“Your Enrollment Number”**.

Submission format:

- Prepare a word file of the output and take printout of it.
- The Word file must include:
  - Each task number (1 to 11).
  - The command you used.
  - Screenshot of the terminal output showing successful execution of each step.

Submission Deadline: 31/07/2025.