Linux Lab Sheet - Basic Commands Practice

1. 1. Print your current directory using `pwd`.
2. 2. Create a directory called `demo` and navigate into it.
3. 3. Create a file named `test.txt` and add some content using `echo` or `nano`.
4. 4. Copy `test.txt` to `copy\_test.txt`.
5. 5. Rename `copy\_test.txt` to `renamed.txt`.
6. 6. List all files using `ls -l`.
7. 7. View contents of `test.txt` using `cat`.
8. 8. Display top 5 lines of `test.txt` using `head -n 5`.
9. 9. Change permission of `test.txt` to read-only using `chmod`.
10. 10. Check memory and disk usage using `free -h` and `df -h`.
11. Challenge: Create a script file that prints system date and memory usage.