Indian Institute of Technology Gandhinagar
BE623 Biocomputing
Sem1 2025-2026

Lab session –1
(Shell, Filesystem and Permissions)

1- Open terminal and find out the path of the folder being displayed in the terminal.
(Hint- Use pwd command to check the current location in terminal and cd command to change the directory)

2- Change directory to the folder with files uploaded on classroom. Create a new folder named "BE623_labsession_1" (Hint- Use mkdir command)

3- Enter BE623_labsession_1 folder (Hint use cd command)

4- Confirm that your current folder is "BE623_labsession_1" (Hint use pwd command)

5- List all the files and folders in the directory (Hint use ls command)

6- Copy "sequence.fasta and protein.fasta" file to current folder (Hint cp ../sequence.fasta ./)

7- List all the files and folders in the directory (Hint use ls command)

8- Find out if there is any hidden file or folder in the directory (Hint: ls -al)

9- Find out permissions associated with files in the folder (Hint: ls -al)

10- Find out the permissions of the files and folders in /

11- Change the permissions of the file "protein.fasta" so that it is readable, writable and executable by everyone (Hint use chmod). Change the permissions back to what they were.