# Indian Institute of Technology Gandhinagar

## BE623 Biocomputing

## Sem1 2025-2026

### Lab Assignment –4

**General Instructions**

This exercise is **not limited to the current assignment**. From now on, every lab assignment you complete (Lab-1, Lab-2, Lab-3, and so on) should be added to this repository in an organized folder structure, tracked, committed, and pushed to your remote repository.

When you submit your assignment in Google Classroom, please make sure you also include the **link to your GitHub repository** where your assignment files are maintained.

Please go through the **last lab session HTML file** carefully. Using that as a reference, complete the following tasks:

1. Start by creating a new local repository for your course work.

    a. Name the folder **biocomputing_assignments**.

2. Inside this folder, add a new sub-folder for Lab-1 Assignment.

    a. Place the given question file and your answer file in this sub-folder.

    b. Track these files and commit them to your local repository.

    c. Push the changes to a new remote repository on GitHub called **BE623_biocomputing**.

3. Next, add a second sub-folder for Lab-2 Assignment inside your repository.

   a. Copy the question and answer files into this folder.

   b. Check the repository status to confirm the new files are untracked.

   c. Track and commit these files.

   d. Push the updated repository to GitHub.

4. Repeat the process for Lab-3 Assignment.

   a. Create a new sub-folder named lab-3_assignment.

   b. Add the corresponding question and answer files.

   c. Track and commit the files.

   d. Push the changes to your GitHub repository.

5. At each step (after Lab-1, Lab-2, and Lab-3):

   a. Take a screenshot of your folder structure.

   b. Take a screenshot of your Git status output.

   c. Take a screenshot of your GitHub repository view after pushing.


Arrange all the screenshots with briefly explaining what you did every command you entered. Make it into a PDF and then submit it in the google classroom.