



RAJSHAHI UNIVERSITY OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Lab Report – 01

COURSE TITLE : Software Engineering Sessional
COURSE CODE : CSE-3206

Submitted by,

Name : Tahmid Sudad
Roll : **2003143**
Section : C
Session : 2020-21
Semester : 3rd Year Even

Submitted to,

Farjana Parvin
Lecturer,
Department of CSE, RUET

Task: Github repository creation and pushing code form local machine.

Solution:

Here is the procedure to do the task:

Step 1: Create a GitHub Repository

1. Go to [GitHub](https://github.com) and log in.
2. Click the **+** icon in the top-right corner, then select **New repository**.
3. Fill in the repository name, description (optional), and set visibility (Public/Private).
4. Check **Add a README file** (optional).
5. Click **Create repository**.

Step 2: Initialize Git Locally

1. Open a terminal on your local machine.
2. Navigate to your project folder:

```
cd /path/to/your/project
```

3. Initialize Git in your project folder:

```
git init
```

Step 3: Connect Local Repo to GitHub

1. Add the remote URL of your GitHub repository:

```
git remote add origin https://github.com/your-username/repo-name.git
```

Step 4: Stage and Commit Your Code

1. Stage all files:

```
git add .
```

2. Commit the changes:

```
git commit -m "Initial commit"
```

Step 5: Push Code to GitHub

1. Push your code to the `main` branch:

```
git branch -M main
```

```
git push -u origin main
```

Step 6: Verify on GitHub

1. Go to your GitHub repository URL to see the uploaded code.

Conclusion: Following these steps allows to create a GitHub repository, linking it to local machine, and code seamlessly. This process ensures version control and easy collaboration for projects.