Task 1: Steps to Create and Manage a GitHub Repository on Windows

Step 1: Install Git

1. Download Git from https://git-scm.com/.

2. Run the installer and follow the default installation settings.

3. After installation, open Command Prompt (cmd) or Git Bash and check installation:
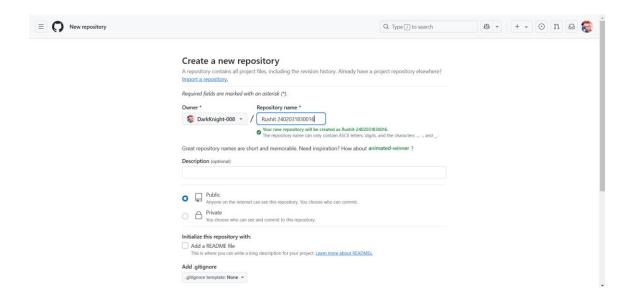
git –version

Step 2: Configure Git

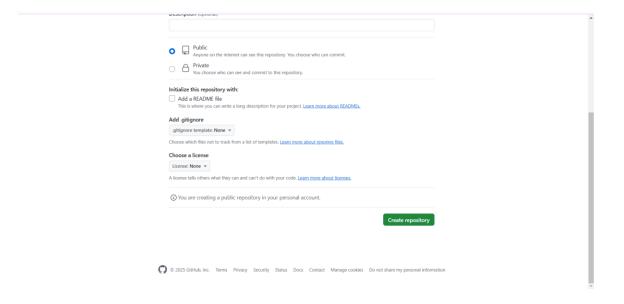1. Open Command Prompt and set up your username and email:

git config --global user.name "Your Name"

git config --global user.email your-email@example.com

Step 3: Create a GitHub Repository

1. Go to https://github.com/ and sign in.

2. Click on 'New Repository'.

3. Name it as your enrollment number (e.g., '2201CS1001').

4. Keep it Public or Private as required and click 'Create Repository'.

Q Type / to search

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?
Import a repository.

Required fields are marked with an asterisk (*).

Owner *
DarkKnight-008 ▾

/

Repository name *
Rushit 2402031830016

✓ Your new repository will be created as Rushit-2402031830016.
The repository name can only contain ASCII letters, digits, and the characters ., -, and _.

Great repository names are short and memorable. Need inspiration? How about **animated-winner** ?

Description (optional)

○ 🖥 **Public**
Anyone on the internet can see this repository. You choose who can commit.

○ 🔒 **Private**
You choose who can see and commit to this repository.

Initialize this repository with:

☐ Add a README file
This is where you can write a long description for your project. Learn more about READMEs.

Add .gitignore

.gitignore template: None ▾

Description (optional)

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This is where you can write a long description for your project. Learn more about READMEs.

Add .gitignore

.gitignore template: None ▾

Choose which files not to track from a list of templates. Learn more about ignoring files.

Choose a license

License: None ▾

A license tells others what they can and can't do with your code. Learn more about licenses.

ⓘ You are creating a public repository in your personal account.

Create repository

Step 4: Clone the Repository

1. Copy the repository URL from GitHub.

2. Open Command Prompt and navigate to the directory where you want to clone it.

3. Run the command:

git clone https://github.com/your-username/your-enrollment-number.git

Step 5: Create Folders and Files

1. Navigate to the cloned repository folder.

2. Create the required folders using:

mkdir Assignment_1 Assignment_2

3. Create a Word document for steps inside Assignment_1:

notepad Assignment_1/steps.docx

Step 6: Add and Upload Assignments

1. Move your assignment files into the respective folders.

2. Check changes using:

git status

3. Add all changes:

git add .

4. Commit changes:

git commit -m "Added Assignment 1 and Assignment 2 folders"

5. Push to GitHub:

git push origin main

Step 7: Share the Repository Link

1. Copy your repository link from GitHub.

2. Submit it via the provided Google form.