Experiment -1.1

Install Git and creating repository.

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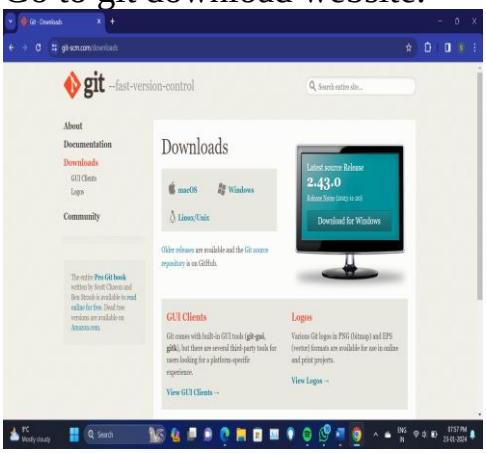
Branch: CSE(DevOps) **Section/Group: 22BCD-1/A**
Semester: 4th **Date of Performance:17/01/24**
Subject Name: Git and GitHub **Subject Code: 22CHS-293**

1. Aim/Overview of the practical:- Install Git and creating repository.

2. Task to be done:- Download git for windows, and to make repository.

3. Steps for experiment/practical:
Go to git download website.

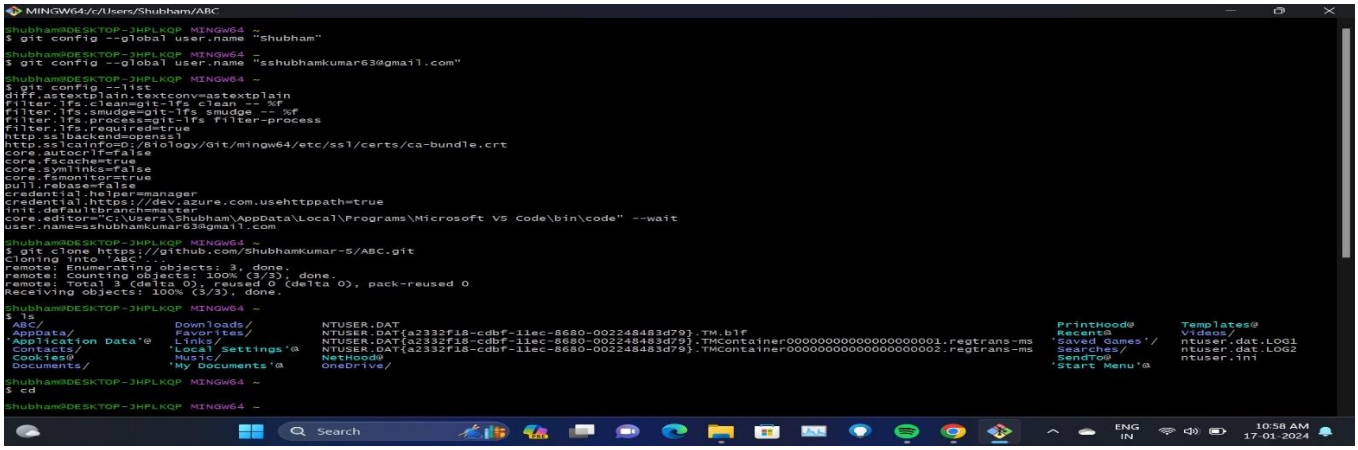


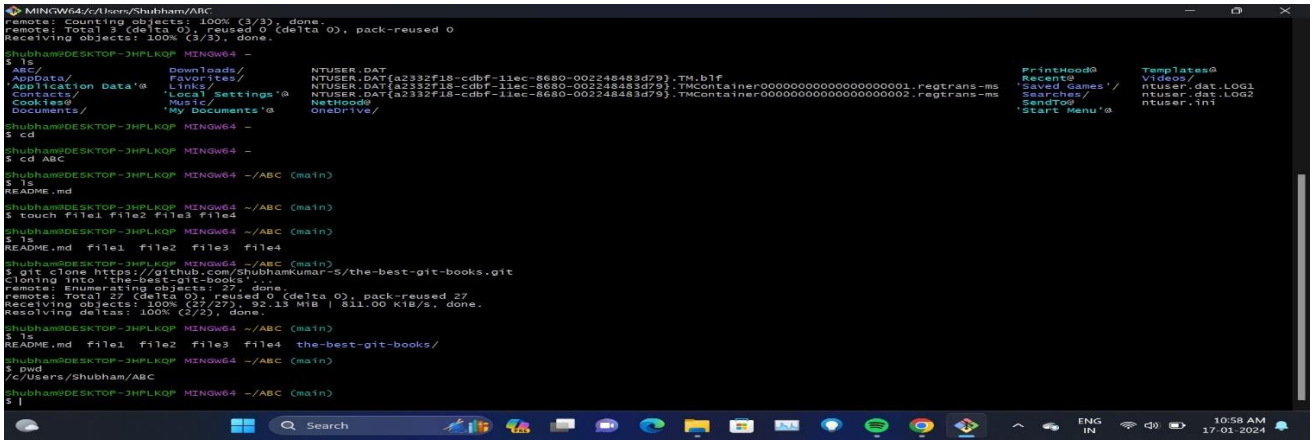
➔ Click on windows and click on the download button for download git.
➔ Welcome Screen: - Click on “Next” to proceed.
➔ Choosing the Default Editor: - You can choose an editor, default is usually Vim.
You might prefer to select a different editor, such as Nano or Notepad++. Click “Next”.

➔ Adjusting Your path environment.
➔ Choosing Extra Options: - you can choose to enable features like file system caching. Adjust these options based on your preferences. Click “Next”.
➔ Install: - Click “Install” to start the installation process.
➔ Completing the installation: - click “Finish” to exit the installer.

Configure GitHub Credentials: -

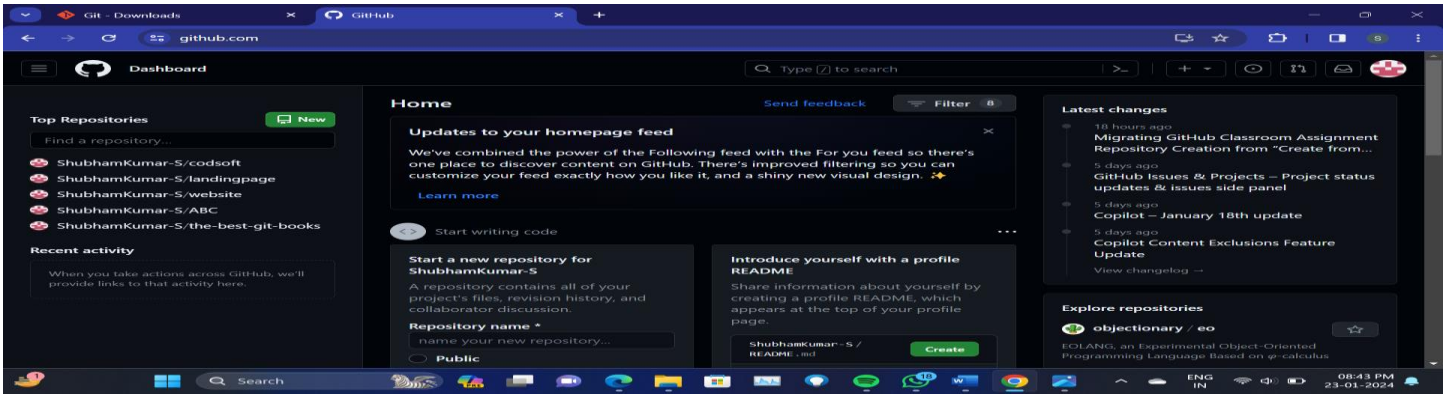
1. Open Git Bash or Command Prompt.
   Open Git Bash or Command Prompt on your system.
2. Set your user name: - Use command to set your user name. your_username with your actual GitHub username.
3. Set your Git Email: use command **git config -global user.email “your_email@example.com”.**





Creating repository: -

1. Open your browser and go to GitHub.
2. Navigate to your profile: - click on your profile picture in the top right corner of the GitHub homepage. Select “Your Repository.
3. Click “New” to create a new Repository:- click the green “New” button on the right side. Enter a name for your repository, provide a description for repository. Choose whether you want the repository to be public or private.
4. Initialize this repository with a README(option).
5. After filling all the necessary information, click the green “Create repository” button.



Learning outcomes (What I have learnt):

1. Learn about GitHub

2. Learn about git

3. Learn about various git commands.

4. Learn about how to create repositories.

5. Learn about how to pull request and push source code.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			