

1. Github account Login OR Create:-

<https://github.com/login>

2. Download and install Git on your PC/Laptop.

(Notes: If you already have git installed on your PC then ignore this)

3. On your PC/Laptop check Credential Manager.

Path: Start => Credential manager => windows credential

(Notes: This stage is for a check if their Github account exists on your PC/Laptop or not)

4. Open the terminal and run this command (Only one time set):-

- `git config --global user.name "your name"`
- `git config --global user.email "Github email"`

5. Create a Repository in Github:-

- Open Github profile → Repositories → New
- Give a name to your repository (Must be the same as your project folder name)
- Description (optional) (Show your Project concept)
- Set Public or Private (If you set Public then your code can see anyone in GitHub but if you set Private then only you and the people who collaborate on your project can see the code)
- Add a README file (optional) (This is to provide a long description and how to use your code or provide detail about your project.)
- Setup .gitignore template (optional) (The file that you don't want to push in git that files or folder name and path will store in this file)

(Notes: lowercase, dashed, and underscore only not use a special character in the repository name)

6. Open your project or file folder in Android Studio or vsCode and run the command below to push the code.

- `git init`
- `git add .`
- `git commit -m "Commit Message"`
- `git branch -M [Branch Name]`
- `git remote add origin [Repository Link]`
- `git push -u origin [Branch Name]`
- `git status` (To check whether your file uploaded or not)

(**Notes:** When you will run this command Android Studio or vs code will ask for authorising GitHub with them allow them that permission without that you can't push code in Github)

7. Step no 6 is a one-time process when a new repository is created. Do not repeat that step.

8. When you want to push changes in your repository:-

- `git add .`
- `git commit -m "Update Commit Message"`
- `git push -u origin [Branch Name]`

9. When you want your project on another PC/Laptop and work on your existing repository:-

→ Open File Explorer and open the folder that contains your all projects.

→ Type "cmd" in the folder path and enter.

→ Now you have cmd open then type this in cmd:-

- `git clone [Repository Link]`

10. To Pull the project from Github:-

- `git pull origin [Branch Name]`