



Git push from Ubuntu Terminal

Git installation

```
sudo apt-get update
```

```
sudo apt-get install git
```

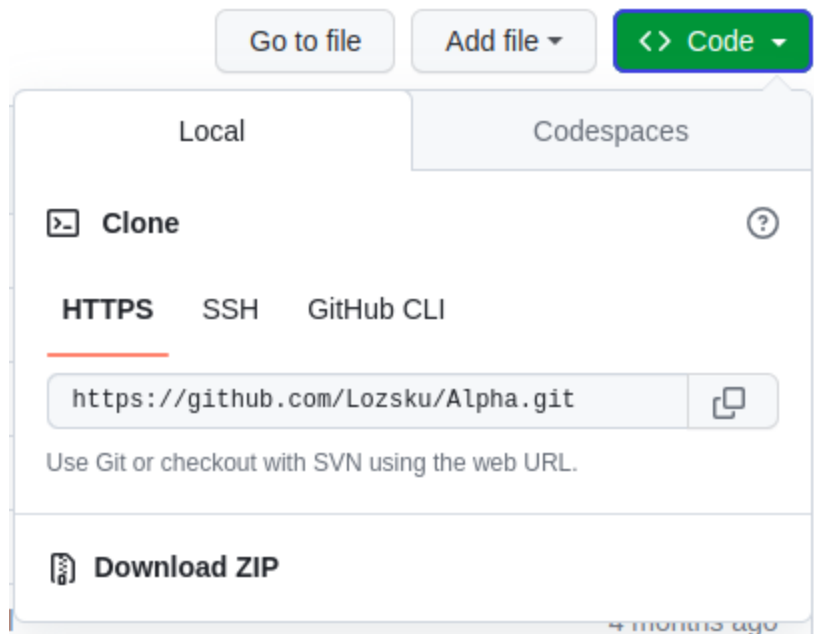
```
git config --global user.name "*****"  
git config --global user.email "*****"
```

Git init

Go to the required Directory

```
cd <path>/repo
```

```
git init
```



```
git remote add origin https://github.com/Lozsku/****.git
```

```
git add .
```

```
git commit -m 'commit_message'
```

```
git branch -M main
```

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

It would automatically ask you for your username and password for GitHub. After entering the details, go to GitHub and refresh. The files would get added there.

```
Username for 'https://github.com' your_username
```

```
Password for 'https://your_username@github.com' : *****
```

But GitHub is no longer accepting account passwords when authenticating Git operations. You need to add a **PAT (Personal Access Token)** instead, and you can follow the below method to add a PAT on your system.

Create Personal Access Token on GitHub

From your GitHub account, go to **Settings** → **Developer Settings** → **Personal Access Token** → **Tokens** (classic) → click **Generate token** (classic) → **Fillup the form** → **Copy the generated Token**, it will be something like `ghp_sFhFsSHhTzMDreGRLjmks4Tzuzgthdvfsrta`

Git Pull

```
git pull origin
```

Git Push

```
git add .
```

```
git commit -m "Your commit message"
```

```
git push origin
```

```
Username for 'https://github.com' your_username
```

```
Password for 'https://your_username@github.com' : PAT(personal access token)
```

Git Push for Specific Folder

Initialize Git Repository (if not done already):

If you haven't already initialized a Git repository in your project folder, you can do so using the following command in your terminal or command prompt:

```
git init
```

Add Files/Folders to Staging Area:

Use the `git add` command to stage the files and folders you want to upload. If you want to upload a specific folder, navigate to its parent directory and use the command like this:

```
git add folder_name
```

Commit Changes:

After adding the folder to the staging area, commit the changes to the repository with a descriptive message:

```
git commit -m "Added folder_name to the repository"
```

Create a Remote Repository (if not done already):

If you haven't set up a remote repository (e.g., on GitHub, GitLab, Bitbucket), you'll need to create one on the platform of your choice.

Link Remote Repository:

Link your local repository to the remote repository using the following command:

```
git remote add origin remote_repository_url
```

Push to Remote Repository:

Finally, use the `git push` command to upload the committed changes to the remote repository:

```
git push origin master
```

Git Log

```
git log
```

```
git log --oneline
```