Step 1: Create a GitHub Account

1. Go to GitHub.
2. Click on **Sign Up** and follow the instructions to create an account.
3. Verify your email and log in to GitHub.

Step 2: Install Git (If Not Installed)

1. Check if Git is installed by running:
2. git --version
3. If Git is not installed, download it from git-scm.com and install it.

```
Microsoft Windows [Version 10.0.19045.5371]
(c) Microsoft Corporation. All rights reserved.

C:\Users\acer>git --version
git version 2.47.0.windows.1
```

Step 3: Configure Git

Set up your Git username and email (same as your GitHub account):

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

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

Verify the configuration:

git config --list

```
C:\Users\acer>git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=openssl
http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.email=ansr.tabish@gmail.com
user.name=TabishIA
```

Step 4: Create a New Repository on GitHub

1. Log in to GitHub.
2. Click on the **+** icon (top right) and select **New Repository**.
3. Enter a repository name, choose **Public** or **Private**, and click **Create Repository**.

Step 5: Initialize a Local Repository

1. Open a terminal and navigate to your project folder:
2. cd path/to/your/project
3. Initialize Git in the project:
4. git init

```
C:\Users\acer\Desktop\Tabish\4_WAD\temporary>git init
Initialized empty Git repository in C:/Users/acer/Desktop/Tabish/4_WAD/temporary/.git/
```

Step 6: Add Files to the Repository

1. Check the status of files:
2. git status
3. Add files to the staging area:
4. git add .
5. Commit the changes:
6. git commit -m "Initial commit"

```
C:\Users\acer\Desktop\Tabish\4_WAD\temporary>git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        temp_file.txt

nothing added to commit but untracked files present (use "git add" to track)

C:\Users\acer\Desktop\Tabish\4_WAD\temporary>git add .

C:\Users\acer\Desktop\Tabish\4_WAD\temporary>git commit -m "Initial Commit"
[master (root-commit) 0f3d9c0] Initial Commit
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 temp_file.txt
```

Step 7: Connect to GitHub Repository

1. Copy the repository URL from GitHub.
2. Run the following command to connect your local repository to GitHub:
3. git remote add origin https://github.com/your-username/your-repository.git
4. Verify the remote repository:
5. git remote -v

```
C:\Users\acer\Desktop\Tabish\4_WAD\temporary>git remote -v
origin  https://github.com/TabishIA/temporary.git (fetch)
origin  https://github.com/TabishIA/temporary.git (push)
```

Step 8: Push Code to GitHub

1. Push the code to GitHub:
2. git push -u origin main

If your branch is named master, use:

git push -u origin master

3. If prompted, enter your GitHub credentials or use a personal access token.

```
C:\Users\acer\Desktop\Tabish\4_WAD\temporary>git push origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 219 bytes | 109.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/TabishIA/temporary.git
 * [new branch]      main -> main
```

Step 9: Verify on GitHub

1. Open your repository on GitHub.
2. Refresh the page to see your files uploaded.