

CLOUD DEVOPS EXPERIMENT-1

ID:2200030254

NAME:TAMMISETTI SRINIVAS

Task1:- How to Push Files/Folders to GitHub.

Step 1: Create a Folder 1. Navigate to the location on your system or laptop where you want to store your project.

2. Action: Right-click and select New Folder. Name the folder as per your project requirements.

Step 2: Initialize Git in the Folder

1. Open a terminal or command prompt.
2. Navigate to the folder you just created

```
T.KOTESWARI@LAPTOP-A0AEUP7Q MINGW64 ~  
$ pwd  
/c/Users/T.KOTESWARI  
  
T.KOTESWARI@LAPTOP-A0AEUP7Q MINGW64 ~  
$ cd OneDrive  
  
T.KOTESWARI@LAPTOP-A0AEUP7Q MINGW64 ~/OneDrive  
$ cd Desktop  
  
T.KOTESWARI@LAPTOP-A0AEUP7Q MINGW64 ~/OneDrive/Desktop  
$ cd 3-2  
  
T.KOTESWARI@LAPTOP-A0AEUP7Q MINGW64 ~/OneDrive/Desktop/3-2  
$ cd CDEXPERIMENTS  
  
T.KOTESWARI@LAPTOP-A0AEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master  
)  
$ git init
```

3. Initialize Git in the folder using below command.

- git init

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git init
Reinitialized existing Git repository in C:/Users/T.KOTESWARI/OneDrive/Desktop/3-2/CDEXPERIMENTS/.git/
```

- This creates a .git folder inside your project directory, making it a Git repository.

4. Create a file in the repository (if not already created)

- touch text.txt

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git init
Reinitialized existing Git repository in C:/Users/T.KOTESWARI/OneDrive/Desktop/3-2/CDEXPERIMENTS/.git/

T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ touch text.txt
```

- This creates a text file in the folder with file name text.txt.

5. Give your Git email (replace with your actual email).

- git config user.email "t.srinivas1812@gmail.com"

6. Verify the email configuration to ensure it's set correctly

- git config user.email

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git config user.email
t.srinivas1812@gmail.com
```

7. Check the current status of your repository

- git status

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git status
On branch master

No commits yet

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

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

8. Stage all files to prepare them for commit

- git add .

9. Check the status again to confirm the files are staged

- git status

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git add .

T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
        new file:   text.txt
```

10. Commit your changes with a message

- git commit -m "first commit"

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git commit -m "first commit"
[master (root-commit) 7089d22] first commit
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 text.txt
```

11. Check the status to confirm the commit

- git status

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git status
On branch master
nothing to commit, working tree clean
```

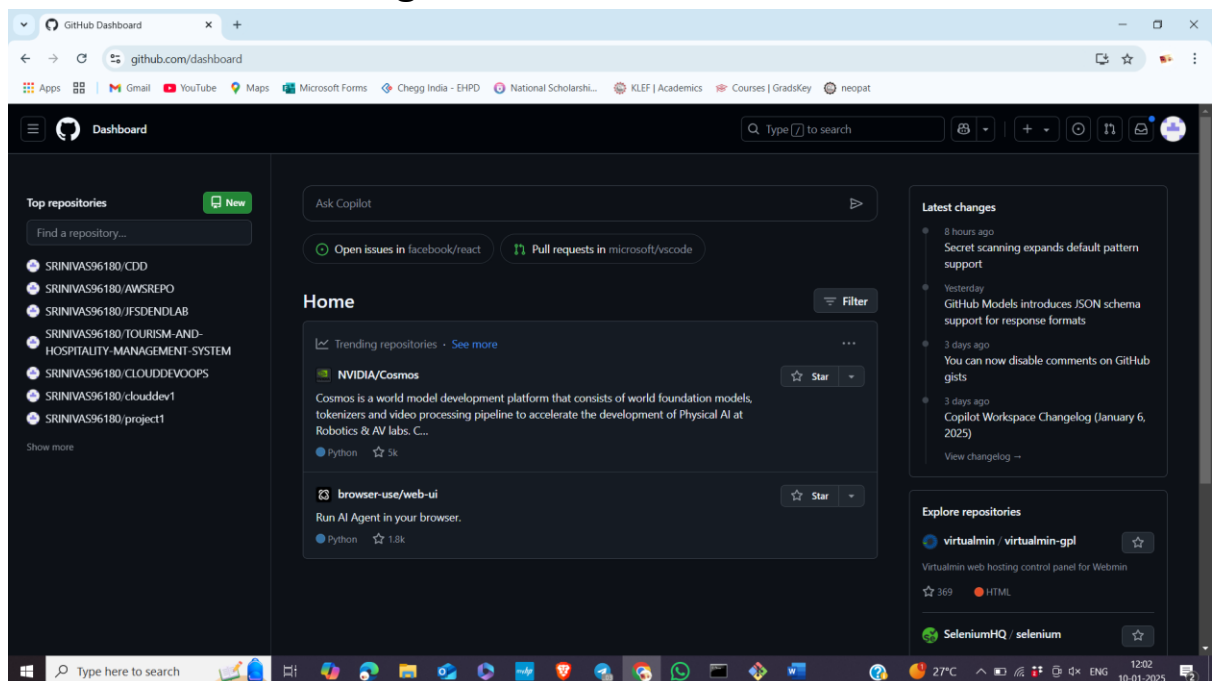
12. Verify if a remote is already added

- git remote -v

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git remote -v
```

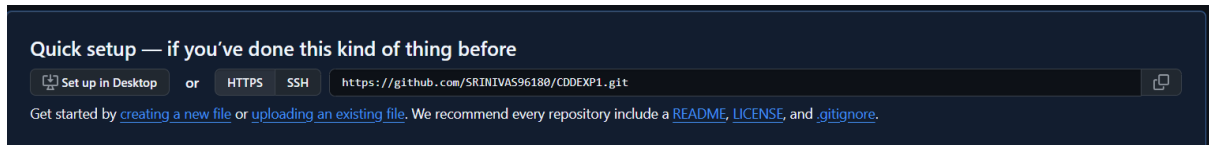
Step 3: Create a Repository on GitHub

1. Go to GitHub and log in.



Step 2: Connect the Local Repository to GitHub

1. Copy the repository URL (HTTPS or SSH)



2. In the terminal, connect the local repository to GitHub by using below command.

- git remote add origin

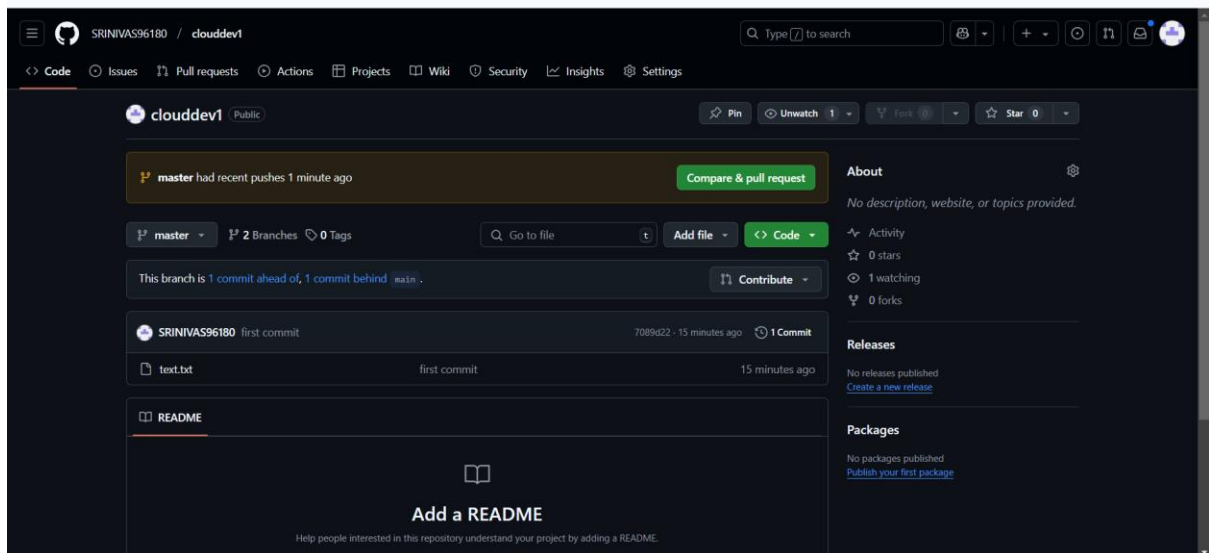
<https://github.com/yourusername/your-repository.git>

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git remote add origin "https://github.com/SRINIVAS96180/clouddev1.git"
```

2. Push your code to GitHub (first push with upstream tracking) - git push --set-upstream origin master

```
T.KOTESWARI@LAPTOP-AOAEUP7Q MINGW64 ~/OneDrive/Desktop/3-2/CDEXPERIMENTS (master)
$ git push --set-upstream origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 228 bytes | 114.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/SRINIVAS96180/clouddev1/pull/new/master
remote:
To https://github.com/SRINIVAS96180/clouddev1.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

3. Open your GitHub repository in a browser to confirm the file has been successfully added



Step 5: Successfully File Push into GitHub. o By following this process, you can successfully push your files or folders to GitHub