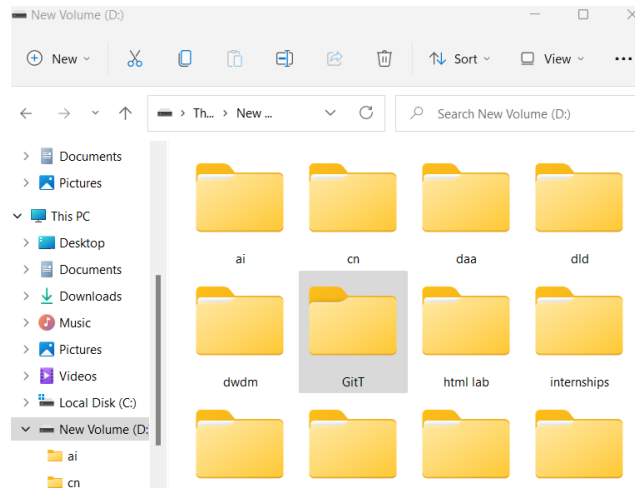


**Aim: Create a remote repository in GitHub and create a local repository, connect the remote repository with local repository and create some python and node scripts in the folder, push this to remote.**

To create a local Repository ,we must follow the following steps:

### **Step-1: Create a folder .**

Created a folder in the D:drive naming as “GitT”



### **Step-2: Initialise the Git.**

Inside the Folder initialize the Git to track that folder from scratch.

For that,open the command prompt ,change the directory to the GitT folder.

Type the command : **git init**

This command is saying to Git that to track this folder.

```
C:\Users\ammu4>D:
D:\>cd GitT
D:\GitT>git init
Initialized empty Git repository in D:/GitT/.git/
D:\GitT>
```

### **Step-3: Develop the project code .**

Open GitT folder in the VScode.

Create two files with sample python code(app.py) and node script(app.js) in VScode & run it.

### Python code: app.py

```
Print("Hello World")
```

### Javascript code :app.js

```
Console.log("Hello Makeskilled");
```

Now run this two codes in the command prompt

### Step-4: Check the status of Git using command prompt.

**Command:** `git status`

```
D:\GitT>git status
On branch master

No commits yet

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

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

The files in the folder are not tracked .

### Step-5:Make the files Trackable.

To make the files trackable we should use the command : `git add .`

And again check the status.

```
D:\GitT>git add .

D:\GitT>git status
On branch master

No commits yet

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

Now the files are tracked by the Git.

### Step-6:Configure the Git.

```
D:\GitT>git config --global user.name "ammu4"

D:\GitT>git config --global user.email "ammuu1320@gmail.com"

D:\GitT>
```

### Step-7 : commit the files.

```
D:\GitT>git commit -m "printed a msg on js and py"
[master (root-commit) 550a07b] printed a msg on js and py
 2 files changed, 2 insertions(+)
 create mode 100644 app.js
 create mode 100644 app.py

D:\GitT>git status
On branch master
nothing to commit, working tree clean

D:\GitT>
```

In between “” ,we will give the message that what we have done in the code.

### Step-8: Check the modifications.

Check the modifications by using git log command.

```
D:\GitT>git log
commit 550a07ba6fc4880ca52a8e9dc9e8dec208752980 (HEAD -> master)
Author: ammu4 <ammuu1320@gmail.com>
Date: Sun May 28 10:29:35 2023 +0530

    printed a msg on js and py
```

### Step-9:Modifications on the File.

The initial both codes are modified as

#### Python code: app.py

```
Print("good morning")
```

#### Javascript code :app.js

```
Console.log("Good morning");
```

Commit the changes and check the status again.

```
D:\GitT>git add .

D:\GitT>git commit -m "updated py and js"
[master 95cdcb0] updated py and js
 2 files changed, 2 insertions(+), 2 deletions(-)

D:\GitT>
```

```
D:\GitT>git log
commit 95cdcb0e32dd6dec5c9ba57b00220d4dffa8104d8 (HEAD -> master)
Author: ammu4 <ammuu1320@gmail.com>
Date:   Sun May 28 10:42:50 2023 +0530

    updated py and js

commit 550a07ba6fc4880ca52a8e9dc9e8dec208752980
Author: ammu4 <ammuu1320@gmail.com>
Date:   Sun May 28 10:29:35 2023 +0530

    printed a msg on js and py

D:\GitT>
```

In this, we can also see that who had made the changes on the code and how many changes that the person has done on the code.

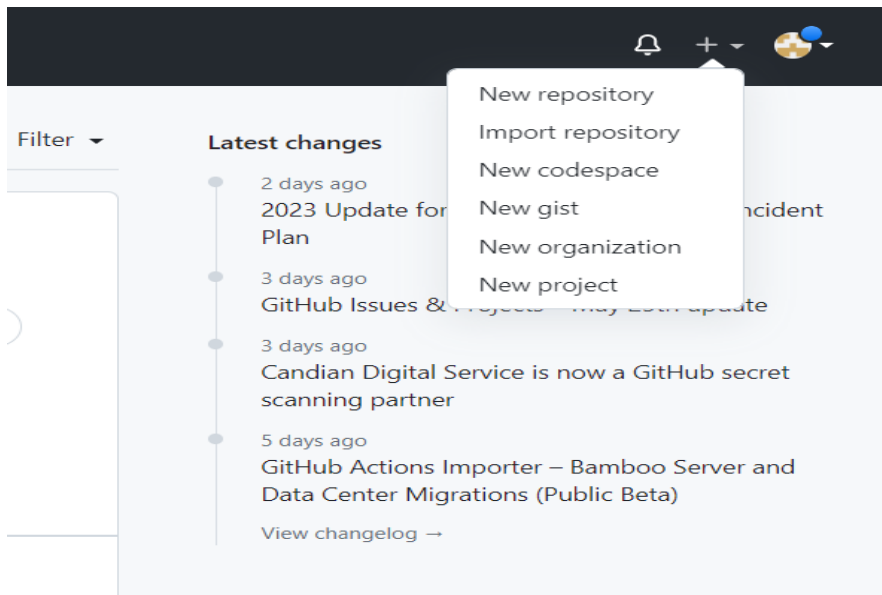
**This is about the Local Repository. Now the Local Repository has been created, we should store this in central repository.**

To create a Remote repository, follow the below steps:

**Step-1: open [github.com](https://github.com) in the browser.**

If you have already an account in the github then sign in. otherwise, create a new account using your gmail account.

**Step-2: Now rightside click on the + symbol and click on new repository.**



Give the name to the repository.

## Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

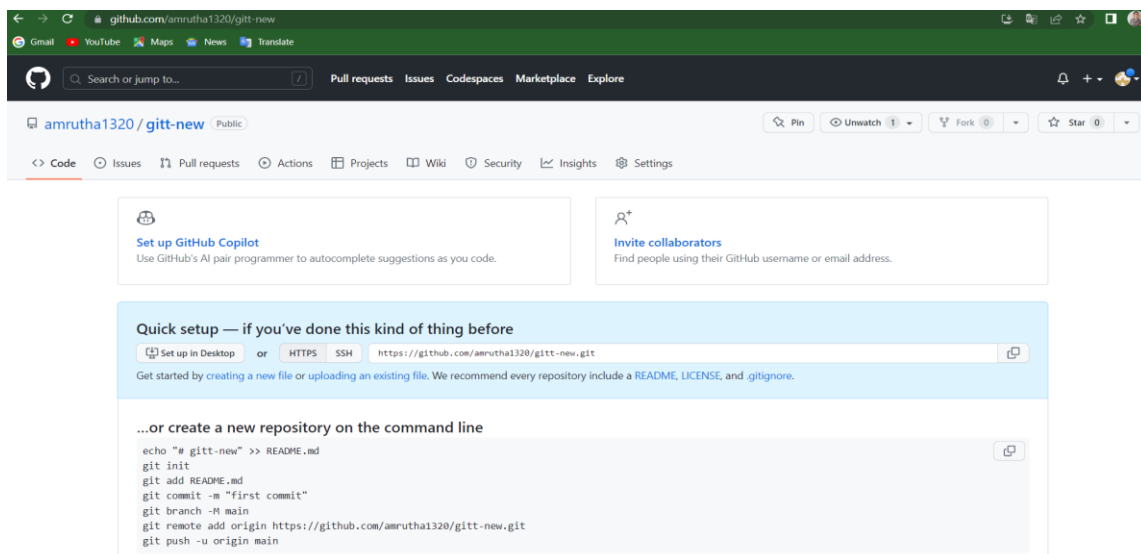
Owner \*  / Repository name \*

✔ gitt-new is available.

Great repository names are short and memorable. Need inspiration? How about [musical-palm-tree?](#)

Description (optional)

**Scroll down and click on create Repository.now, the below page is displayed**



A space is created in the central repository.

Now, we have both local and central repository, we have to upload the data from local repository to central repository. Central repository is nothing but the remote Repository.

For that, we should connect the local repository to global repository.

Copy the path in the above .

And paste that path in the following command in cmd.

```
D:\GitT>git remote add origin https://github.com/amrutha1320/gitt-new.git
```

### Step-3: Create a Branch

```
D:\GitT>git branch -m "Ammu"
```

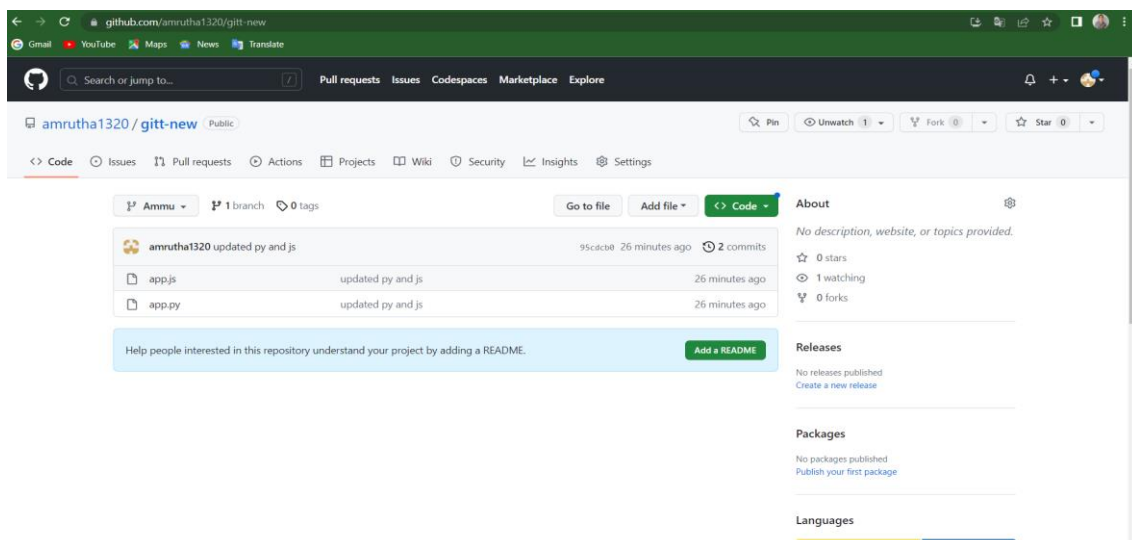
It represents an individual space.

### Step-4: Push this Branch to Remote .

```
D:\GitT>git push origin Ammu
info: please complete authentication in your browser...
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 8 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (8/8), 599 bytes | 599.00 KiB/s, done.
Total 8 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/amrutha1320/gitt-new.git
 * [new branch]      Ammu -> Ammu

D:\GitT>
```

### Step-5: Reload the browser page that where we have created the remote Repository.





Now the data from local repository is uploaded to central repository.

We can also check that where the code is modified and how many modifications ,commits are done .

## Commit


updated py and js


 Ammu


 amrutha1320 committed 28 minutes ago


Showing 2 changed files with 2 additions and 2 deletions.



Filter changed files

 app.js




 app.py




2  app.js 



... .. @@ -1 +1 @@

1 - console.log("Hello Makeskilled");




1 + console.log("Good morning");




2  app.py 


... .. @@ -1 +1 @@

1 - print("Hello world")



1 + print("good morning")




 Search or jump to... Pull requests Issues Codespaces Marketplace Explore

amrutha1320 / gitt-new Public Pin Unwatch 1 Fork 0


[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)



## Commits

 Ammu


Commits on May 28, 2023



updated py and js

 amrutha1320 committed 30 minutes ago

 95cdbc0 

printed a msg on js and py

 amrutha1320 committed 43 minutes ago

 558a87b 

Newer

Older