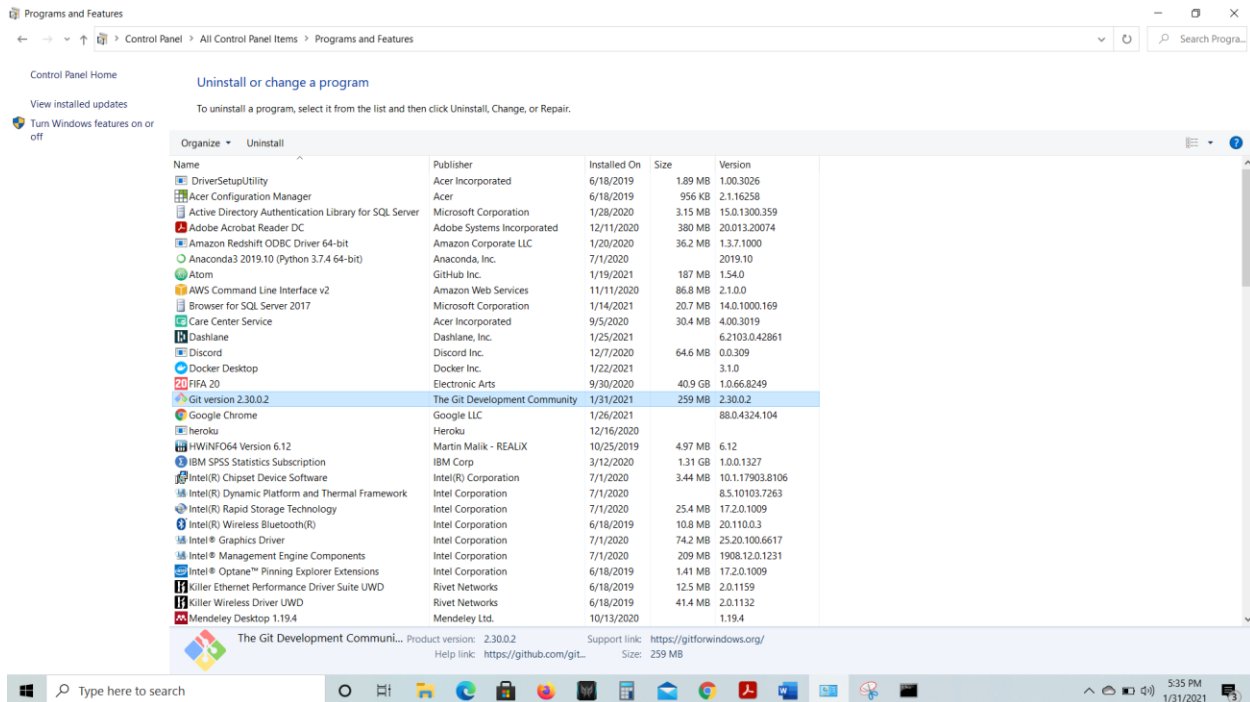


AIDI-2004: Artificial Intelligence in Enterprise Systems

Lab #1 – Git, GitHub, GitLab

Step1: Installation of Git:

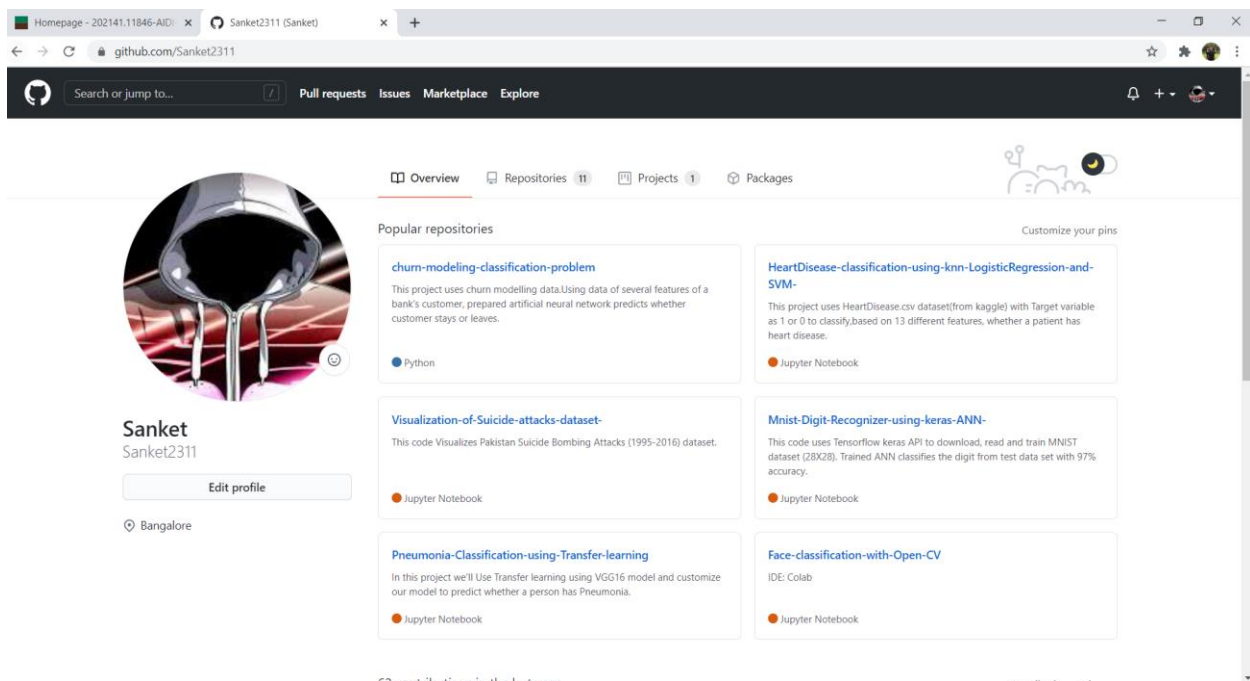
- I have git installed on my system already
- Below are the screenshots



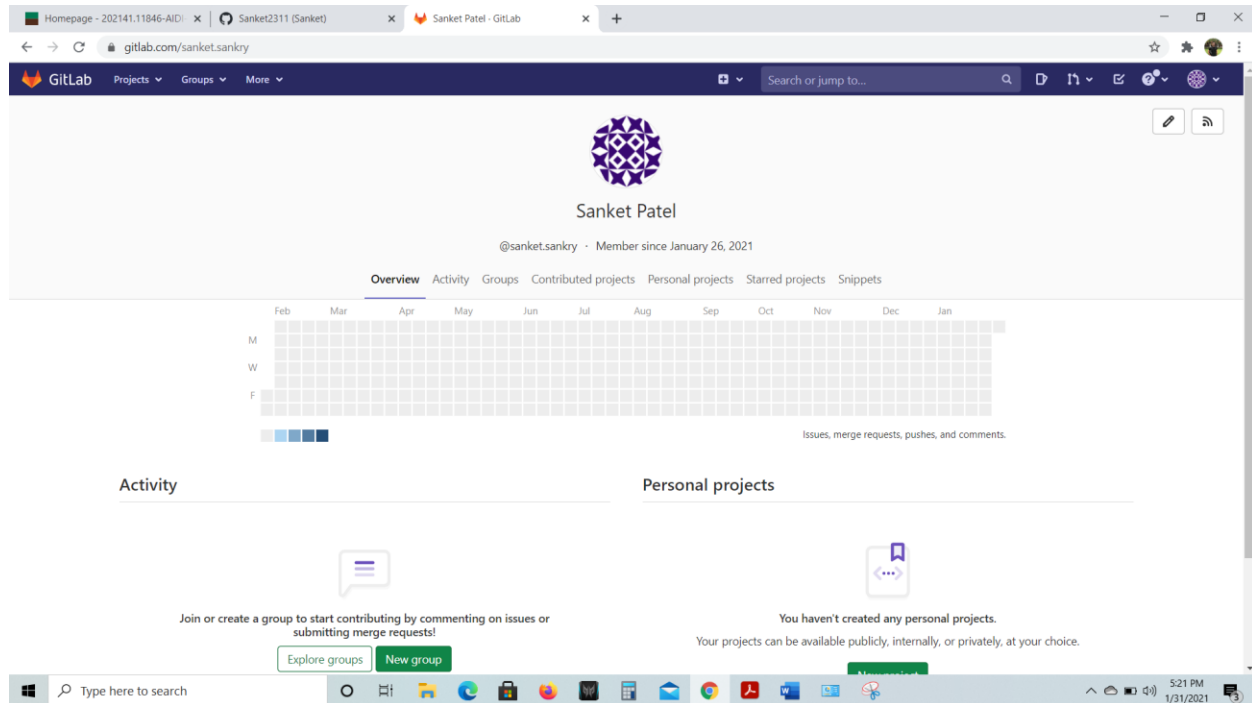
```
MINGW64:/c/Users/sanke
sanke@LAPTOP-FCU1PJ2S MINGW64 ~
$ git --version
git version 2.30.0.windows.2
sanke@LAPTOP-FCU1PJ2S MINGW64 ~
$
```

Step2: Create user accounts in both github and gitlab.

a. I already have account on github



b. Creating account on gitlab



Step3: Review github and gitlab. Select your remote host (github or gitlab or any new one) and justify your selection.

I am selecting github as my remote repository.

GitHub positioned itself among its community of developers. And its popularity is mainly driven by the highly active GitHub community of millions of developers. We can discuss problems and maybe learn a few unofficial but awesome hacks.

If you're looking for the biggest community of developers, chances are high that GitHub is the better place to be.

Some benefits of github over gitlab include,

- Developers are allowed to promote inner sourcing of internal repositories for Github.

- GitLab doesn't allow inner sourcing.

- Confidential issues module creates confidential issues that are visible only to project members. GitLab lacks this the confidential issue feature.

I have some basic experience with github and in large number of corporations it is still used.

Moreover, it is more intuitive for a relative beginner as me.

So, I am choosing github.

Step4: Write a basic program performing key programming activities

The image shows two screenshots of the GitHub website. The top screenshot is the 'Create a new repository' page. The bottom screenshot shows the 'Quick setup' instructions for a newly created repository.

Top Screenshot: Create a new repository

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

Create a new repository

Owner ^{*} Sanket2311 / Repository name ^{*} gitbasics ✓

Great repository names are short and memorable. Need inspiration? How about [jubilant-sniffle?](#)

Description (optional)

☒ **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐ **Private**
You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

☐ **Add a README file**
This is where you can write a long description for your project. [Learn more.](#)

☐ **Add .gitignore**
Choose which files not to track from a list of templates. [Learn more.](#)

☐ **Choose a license**
A license tells others what they can and can't do with your code. [Learn more.](#)

Bottom Screenshot: Quick setup

Quick setup — if you've done this kind of thing before

or

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# gitbasics" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/Sanket2311/gitbasics.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/Sanket2311/gitbasics.git
git branch -M main
git push -u origin main
```

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

Adding remote repository

```
MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git
$ git init
Initialized empty Git repository in E:/AIDI/Sem 2/AIDI 2004/Lab1/git/.git/

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$ git remote add origin https://github.com/Sanket2311/gitbasics.git

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$
```

Adding name and email to git.

```
MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$ git config --global user.email 'sanket.sankry@gmail.com'

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$
```

Creating basic matrix multiplication python file.

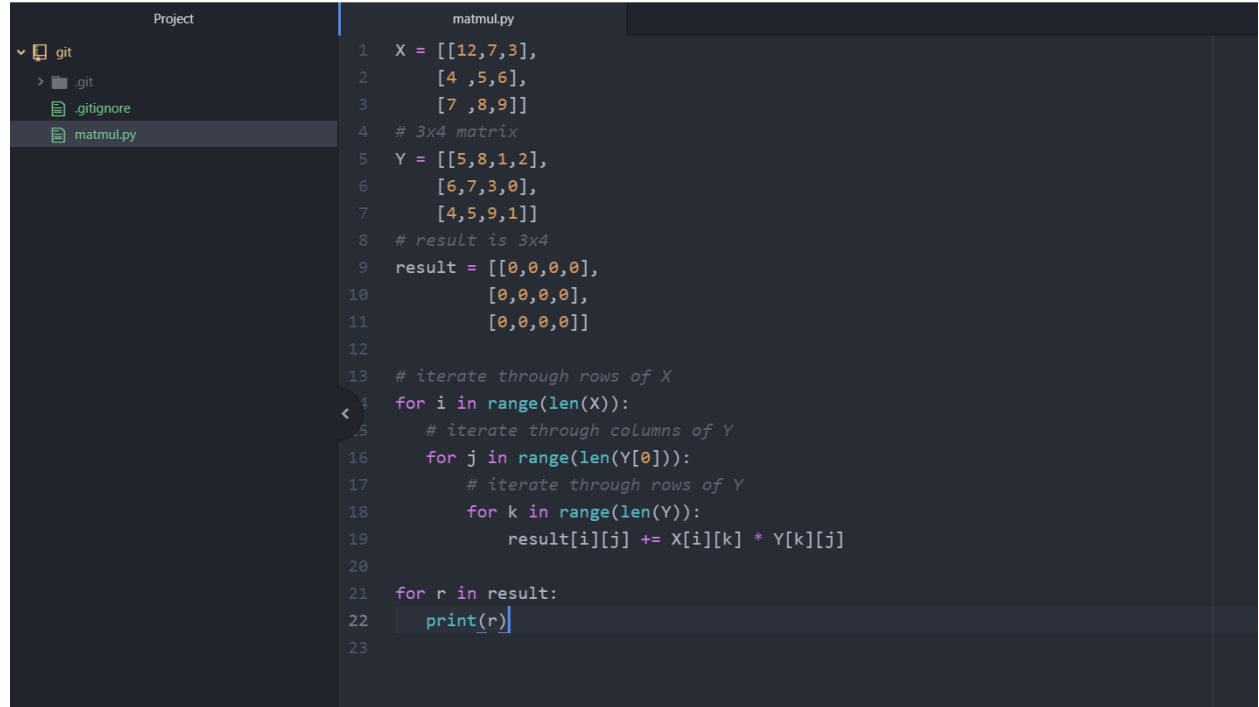
C:\ MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$ touch matmul.py
```

Basic python code performing matrix multiplication.

matmul.py — E:\AIDI\Sem 2\AIDI 2004\Lab1\git — Atom

File Edit View Selection Find Packages Help



```
1 X = [[12,7,3],
2      [4 ,5,6],
3      [7 ,8,9]]
4 # 3x4 matrix
5 Y = [[5,8,1,2],
6      [6,7,3,0],
7      [4,5,9,1]]
8 # result is 3x4
9 result = [[0,0,0,0],
10          [0,0,0,0],
11          [0,0,0,0]]
12
13 # iterate through rows of X
14 for i in range(len(X)):
15     # iterate through columns of Y
16     for j in range(len(Y[0])):
17         # iterate through rows of Y
18         for k in range(len(Y)):
19             result[i][j] += X[i][k] * Y[k][j]
20
21 for r in result:
22     print(r)
```

Step5: Provide screenshot of your command prompt showing success of your commit in the remote host.

```
MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore
    deleted:    app.js
    deleted:    index.html

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

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$
```

Adding it to staging area.

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$ git add .

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   .gitignore
    deleted:    app.js
    deleted:    index.html
    new file:   matmul.py

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$
```

Added.

Now, let's make an initial commit

```
MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$ git commit -m "first commit"
[master (root-commit) 41c7dfd] first commit
1 file changed, 22 insertions(+)
create mode 100644 matmul.py

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$
```

Try committing without any changes

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$ git commit -m "first commit"
On branch master
nothing to commit, working tree clean
```

Setting up the main branch

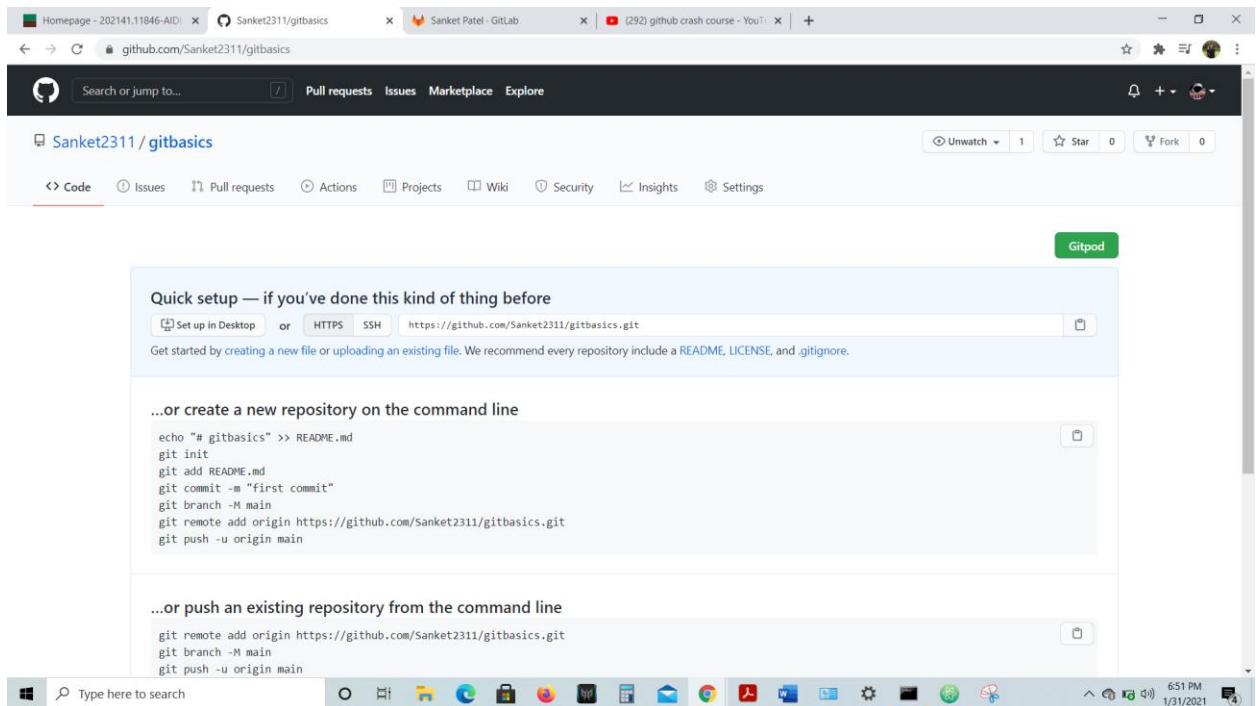
```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (master)
$ git branch -M main
```

Pushing the initial changes.

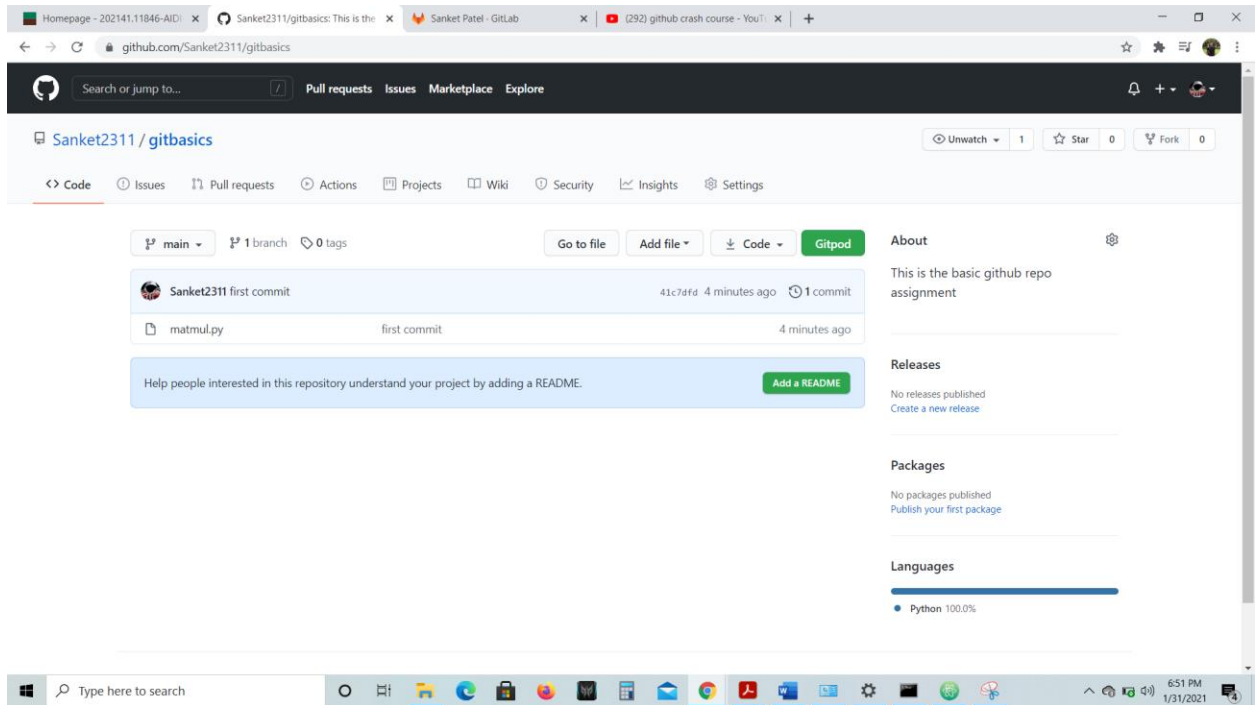
```
MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 432 bytes | 216.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sanket2311/gitbasics.git
 * [new branch]      main -> main
Branch 'main' set up to track remote branch 'main' from 'origin'.

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$
```

Before



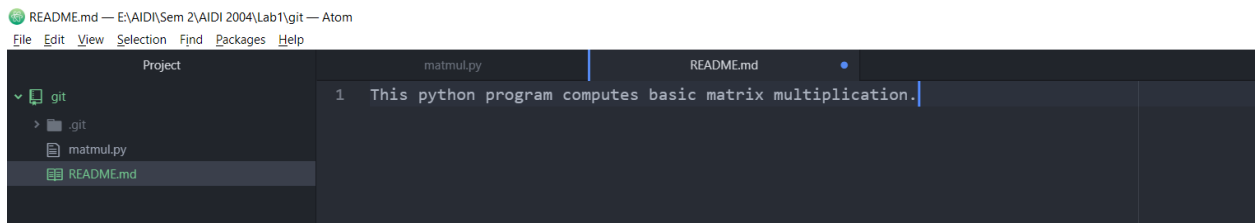
After



Step6: Provide a description of your program in the readme.md file

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ touch README.md
```

Adding description.



Checking status of README.md

MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

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

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$
```

adding to staging area

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git add .

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   README.md

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$
```

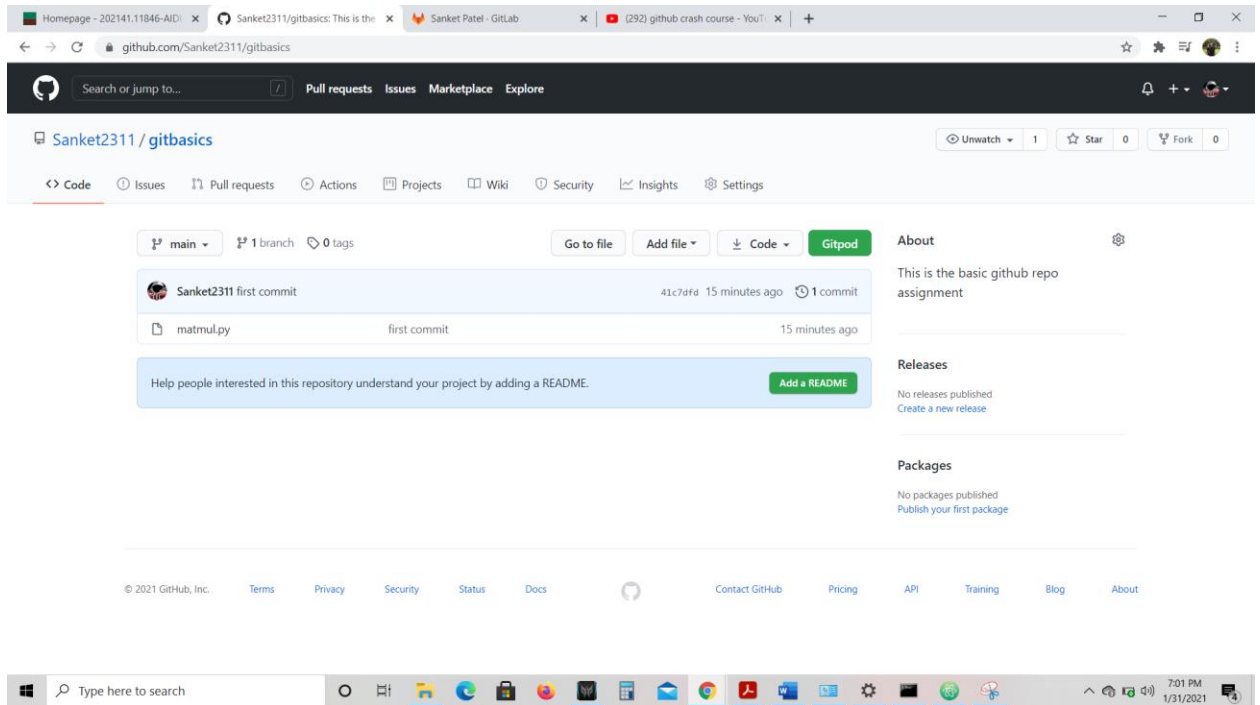
Let's commit readme file

MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git commit -m "Added ReadMe file"
[main 10e26df] Added ReadMe file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 README.md

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$
```

We still need to push changes



Let's push read me changes

MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git commit -m "Added ReadMe file"
[main 10e26df] Added ReadMe file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 README.md

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 285 bytes | 285.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sanket2311/gitbasics.git
41c7dfd..10e26df main -> main

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$
```

Homepage - 202141.11846-AIDI x Sanket2311/gitbasics: This is the x Sanket Patel - GitLab x (292) github crash course - YouT x +

github.com/Sanket2311/gitbasics

Sanket2311 / gitbasics

Unwatch 1 Star 0 Fork 0

<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 0 tags

Go to file Add file Code Gitpod

Sanket2311 Added ReadMe file 10e26df 4 minutes ago 2 commits

README.md	Added ReadMe file	4 minutes ago
matmul.py	first commit	17 minutes ago

Help people interested in this repository understand your project by adding a README. [Add a README](#)

About

This is the basic github repo assignment

Releases

No releases published
[Create a new release](#)

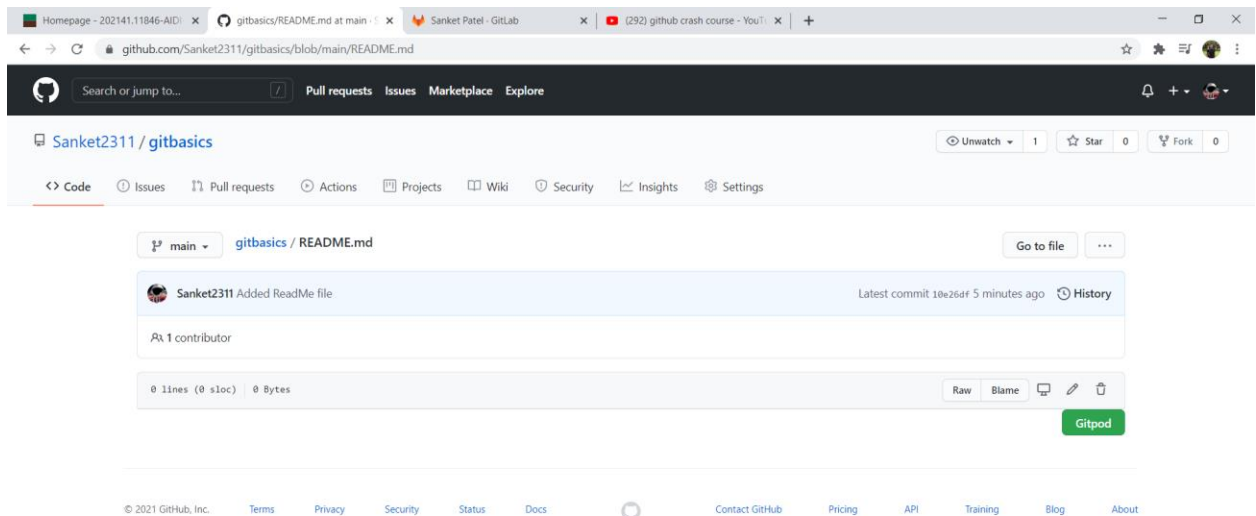
Packages

No packages published
[Publish your first package](#)

Languages

Python 100.0%

I forgot to save changes initially. So, the committed file doesn't have any description inside the file. The uploaded README.md file was empty.



So, I decided to save the description and push the changes again to the remote repo.

Let's save and commit again.

After saving and checking status

```
MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git

$ git commit -m "Added ReadMe file"
[main 10e26df] Added ReadMe file
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 README.md

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 285 bytes | 285.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sanket2311/gitbasics.git
  41c7dfd..10e26df  main -> main

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$
```

```
MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git

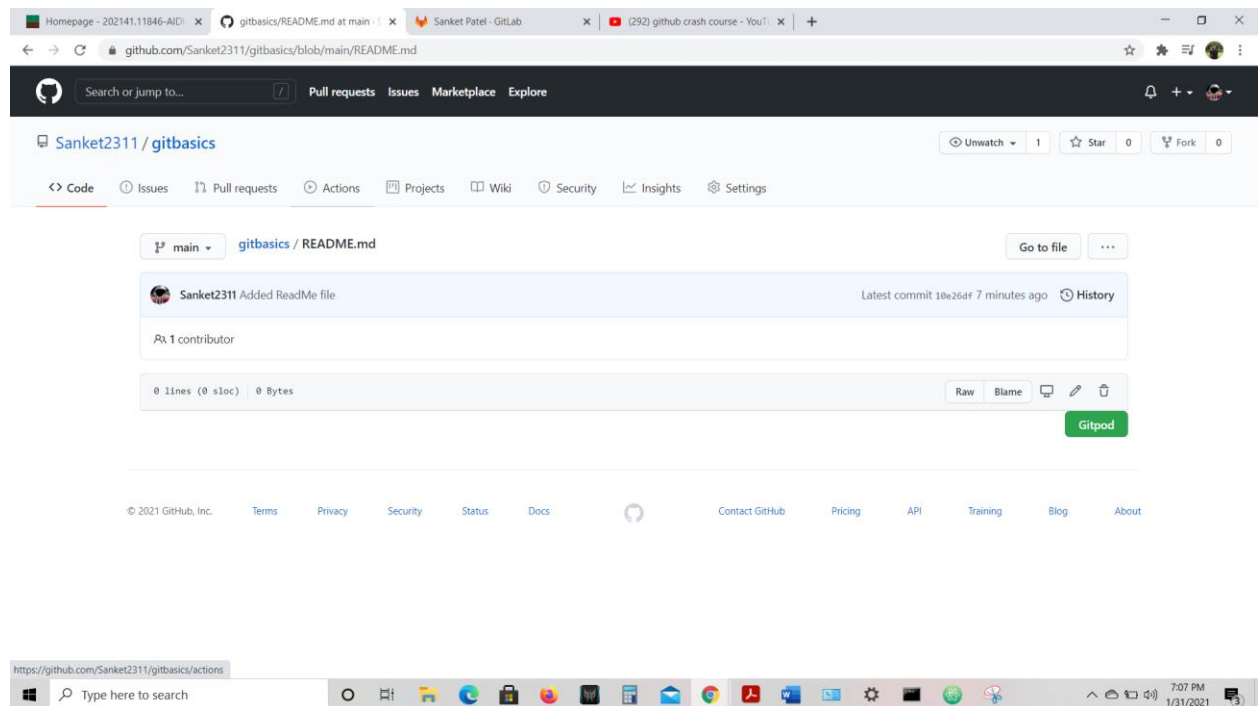
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git add .

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git commit -m "Saved and Added the description"
[main c579c21] Saved and Added the description
1 file changed, 1 insertion(+)

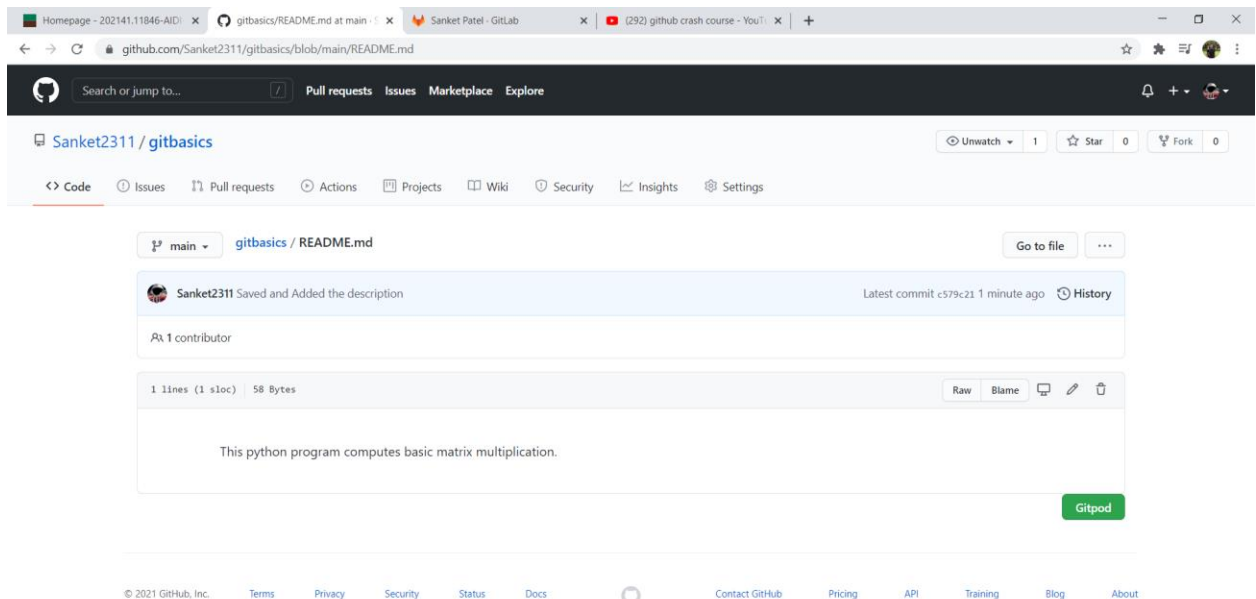
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 355 bytes | 355.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sanket2311/gitbasics.git
10e26df..c579c21 main -> main

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$
```

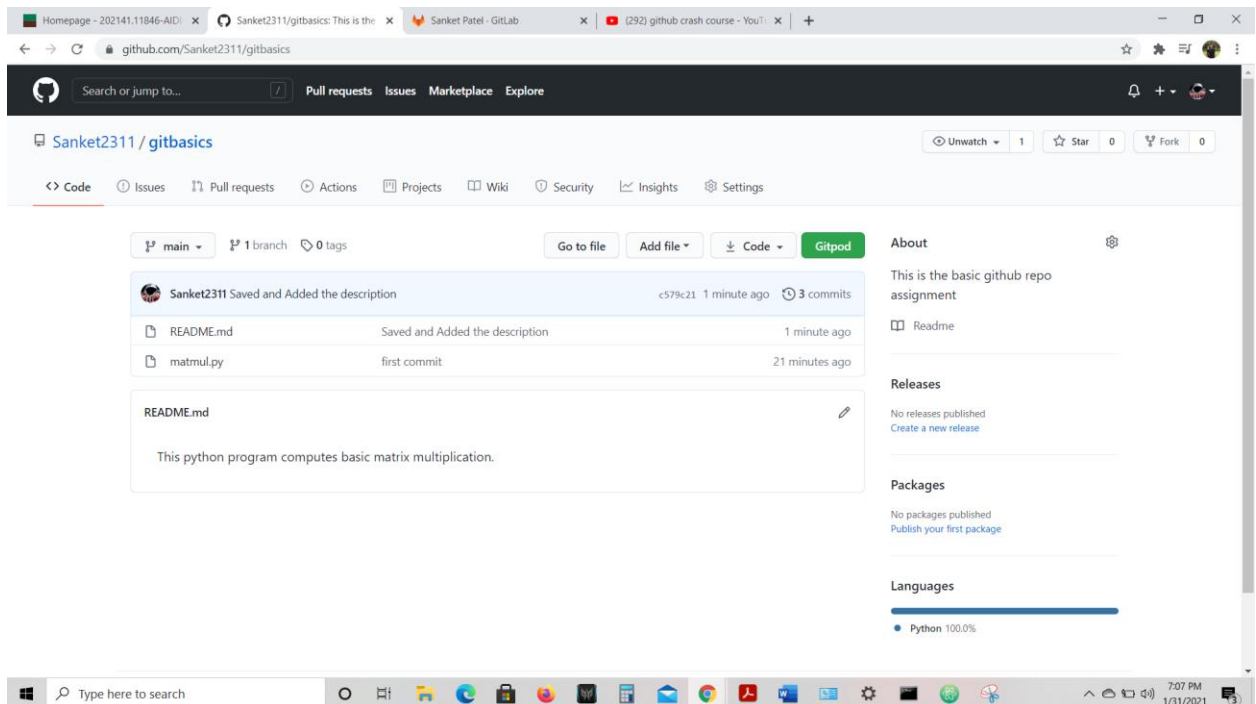
Before



After




We can also see that description is being shown in main repo.



Step7: Create a branch in your repo and upload any python script in that branch

Creating and switching to a new branch named: random_matrix

 MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git branch random_matrix


sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git checkout random_matrix
Switched to branch 'random_matrix'

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$
```

Creating the additional python file

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$ touch matrix_generator.py
```

Another python file to generate a random 3X3 matrix:

 matrix_generator.py — E:\AIDI\Sem 2\AIDI 2004\Lab1\git — Atom

File Edit View Selection Find Packages Help



```
1 #This program generates a random 3X3 matrix
2 import numpy as np
3
4 def matrix_gen():
5     mat= np.random.randint(9,size=(3,3))
6     return mat
7
8 print(matrix_gen())
9
```

Step8: Navigate to your newly created branch and provide screenshot showing status of your repo


```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$ git status
On branch random_matrix
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        matrix_generator.py

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

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$
```

MINGW64/e/AIDI/Sem 2/AIDI 2004/Lab1/git

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$ git add .

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$ git commit -m "Added Random matrix generator"
[random_matrix e37f7e4] Added Random matrix generator
1 file changed, 8 insertions(+)
create mode 100644 matrix_generator.py

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$ git status
On branch random_matrix
nothing to commit, working tree clean

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$
```

Let's go back to main branch

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

Let's merge both branches(main and random_matrix)

```

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (Main)
$ git merge random_matrix -m "Added random matrix generator"
Updating c579c21..e37f7e4
Fast-forward (no commit created; -m option ignored)
 matrix_generator.py | 8 ++++++
 1 file changed, 8 insertions(+)
 create mode 100644 matrix_generator.py

```

```

$ git merge random_matrix -m "Added matrix generator"
Already up to date.

```

Both branches are merged
Now let's check status and push changes

Step9: Provide a screenshot showing your log of activities and perform your final commit

```

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 450 bytes | 450.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/Sanket2311/gitbasics.git
   c579c21..e37f7e4  main -> main

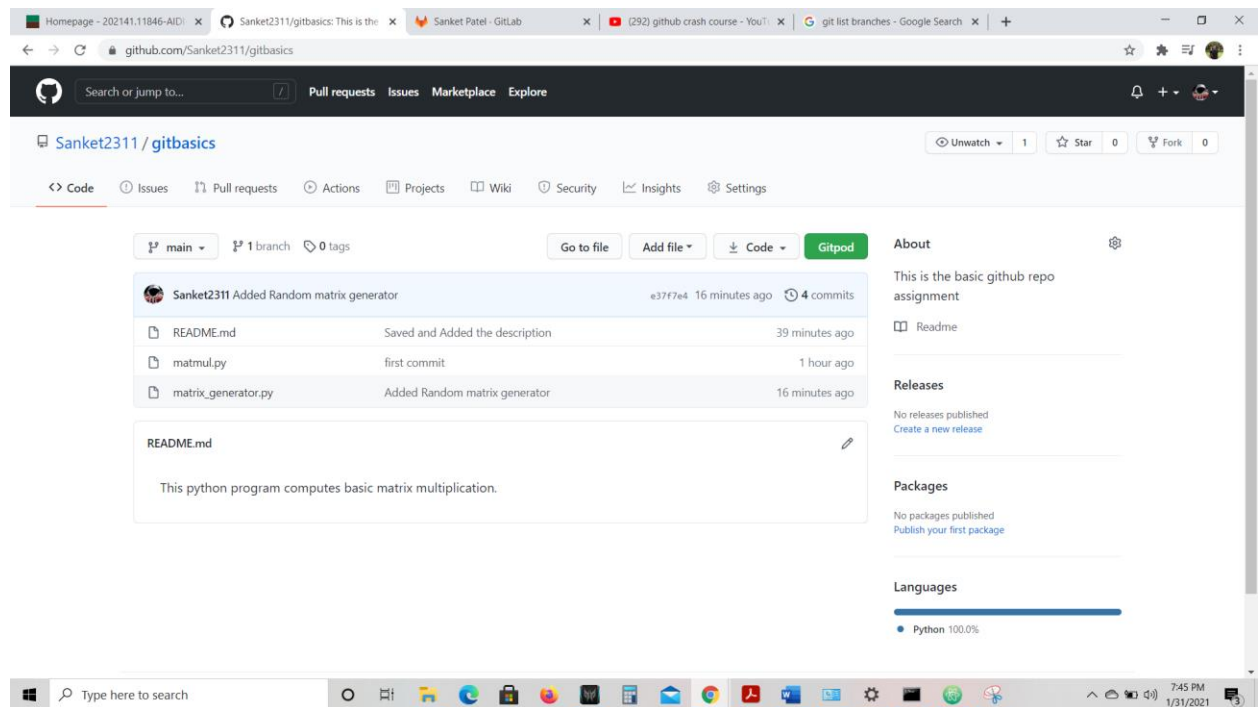
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$

```

Before

The screenshot shows a web browser displaying the GitHub repository page for 'Sanket2311/gitbasics'. The repository is located at 'https://github.com/Sanket2311/gitbasics'. The page shows the repository's main branch, 'main', with 1 branch and 0 tags. The repository has 3 commits, with the latest commit 'c579c21' made 38 minutes ago. The commit message is 'Saved and Added the description'. The repository contains two files: 'README.md' and 'matmul.py'. The 'README.md' file is visible, showing the text 'This python program computes basic matrix multiplication.' The repository has 1 star and 0 forks. The page also shows the repository's settings, including 'About', 'Releases', 'Packages', and 'Languages'. The 'Languages' section shows 'Python' at 100.0%.

After



Extra:

Now, Let's upload whole branch to remote repo.

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (main)
$ git checkout random_matrix
Switched to branch 'random_matrix'

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$ git push
fatal: The current branch random_matrix has no upstream branch.
To push the current branch and set the remote as upstream, use

    git push --set-upstream origin random_matrix

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$ git push --set-upstream origin random_matrix
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'random_matrix' on GitHub by visiting:
remote:   https://github.com/Sanket2311/gitbasics/pull/new/random_matrix
remote:
To https://github.com/Sanket2311/gitbasics.git
 * [new branch]      random_matrix -> random_matrix
Branch 'random_matrix' set up to track remote branch 'random_matrix' from 'origin'.

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$
```

Before

Homepage - 202141.11846-AID x Sanket2311/gitbasics: This is the x Sanket Patel - GitLab x (292) github crash course - YouT x git list branches - Google Search x +

github.com/Sanket2311/gitbasics

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Sanket2311 / gitbasics

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main 1 branch 0 tags

Go to file Add file Code Gitpod

Sanket2311 Added Random matrix generator e37f7e4 23 minutes ago 4 commits

View all commits by Sanket2311

README.md	Saved and Added the description	1 hour ago
matmul.py	first commit	1 hour ago
matrix_generator.py	Added Random matrix generator	23 minutes ago

README.md

This python program computes basic matrix multiplication.

About

This is the basic github repo assignment

Readme

Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

Languages

Python 100.0%

https://github.com/Sanket2311/gitbasics/commits?author=Sanket2311

Type here to search

7:52 PM 1/31/2021

After

The screenshot shows the GitHub repository page for 'Sanket2311/gitbasics'. The repository has 2 branches and 0 tags. The commit history shows three commits: 'ator' (e37f7e4, 24 minutes ago, 4 commits), 'Saved and Added the description' (1 hour ago), and 'first commit' (1 hour ago). A 'random_matrix' branch is also visible. The repository description states: 'This python program computes basic matrix multiplication.' The right sidebar shows 'About', 'Readme', 'Releases', 'Packages', and 'Languages' (Python 100.0%).

The bottom part of the image shows the 'Branches' tab for the repository. It lists the 'Default branch' as 'main' (Updated 24 minutes ago by Sanket2311). Under 'Your branches', there is a 'random_matrix' branch (Updated 24 minutes ago by Sanket2311) with a 'New pull request' button. Under 'Active branches', there is also a 'random_matrix' branch (Updated 24 minutes ago by Sanket2311) with a 'New pull request' button.

Note: Remote branch random_matrix was pushed to remote repo after it was merged with main in local system. Hence, it contains other files than only a python file(matrix_generator). But, branching and pushing concepts are clear.

Log screenshot:

MINGW64:/e/AIDI/Sem 2/AIDI 2004/Lab1/git

```
sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$ git log --all
commit e37f7e41fe44aefcfca837fb72a2fa46a9391764 (HEAD -> random_matrix, origin/random_matrix, origin/Main, Main)
Author: Sanket Patel <sanket.sankry@gmail.com>
Date: Sun Jan 31 19:29:23 2021 -0500

    Added Random matrix generator

commit c579c21c8d8d8aead41e69bad4db5dbe0eb7eef
Author: Sanket Patel <sanket.sankry@gmail.com>
Date: Sun Jan 31 19:06:54 2021 -0500

    Saved and Added the description

commit 10e26dfa82fe5f54bee5b693e1db3797e653a965
Author: Sanket Patel <sanket.sankry@gmail.com>
Date: Sun Jan 31 19:00:55 2021 -0500

    Added ReadMe file

commit 41c7dfd1c8994cbcf64b218041d4d6e7c98e4bfe
Author: Sanket Patel <sanket.sankry@gmail.com>
Date: Sun Jan 31 18:47:20 2021 -0500

    first commit

sanke@LAPTOP-FCU1PJ2S MINGW64 /e/AIDI/Sem 2/AIDI 2004/Lab1/git (random_matrix)
$
```

Step10: Make your repo public and share the link of your repo for check.

Link: <https://github.com/Sanket2311/gitbasics>