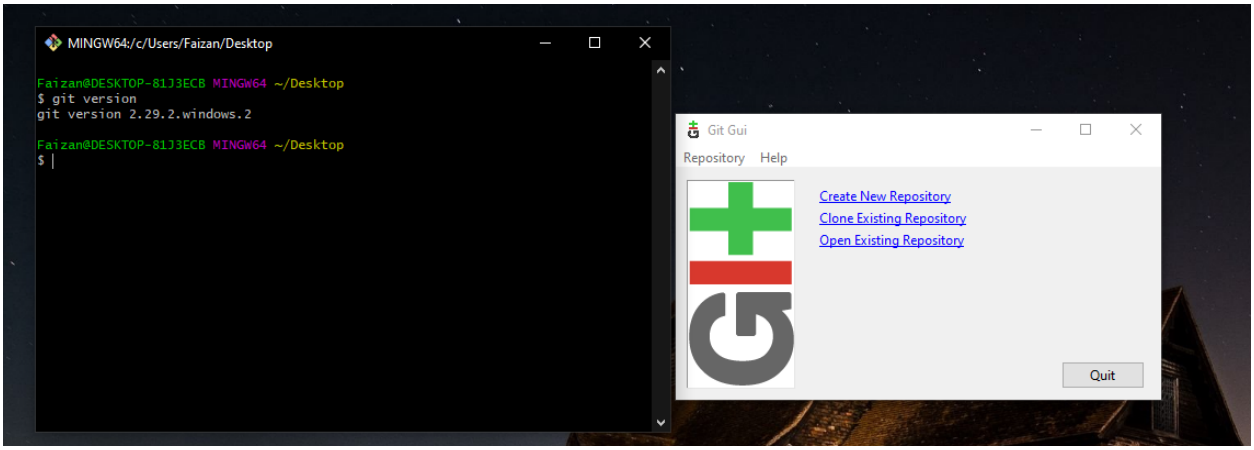
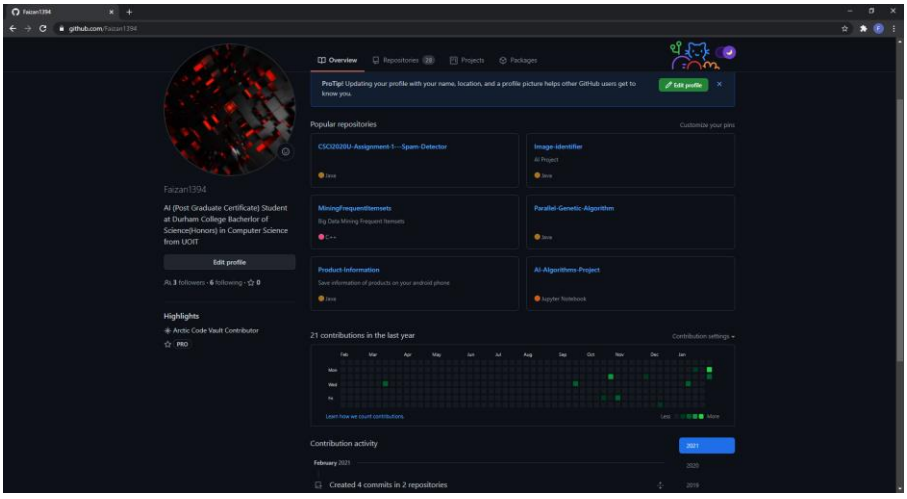
Lab 1 – AIDI 2004

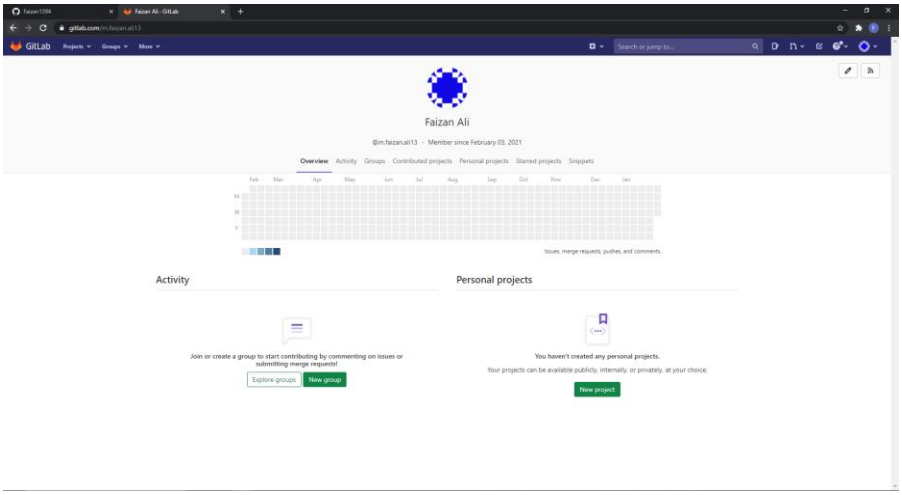
Faizan Ali(100518916)

Step 1


MINGW64:/c/Users/Faizan/Desktop
Faizan@DESKTOP-81J3ECB MINGW64 ~/Desktop
$ git version
git version 2.29.2.windows.2
Faizan@DESKTOP-81J3ECB MINGW64 ~/Desktop
$
Git Gui
Repository Help
Create New Repository
Clone Existing Repository
Open Existing Repository
Quit

Step 2


Overview
Repositories
Projects
Packages
Popular repositories
Faizan1394
Highlights
21 contributions in the last year
Contribution activity


GitLab
Faizan Ali
Activity
Personal projects
Explore groups
New group
New project

Step 3 GitHub vs GitLab

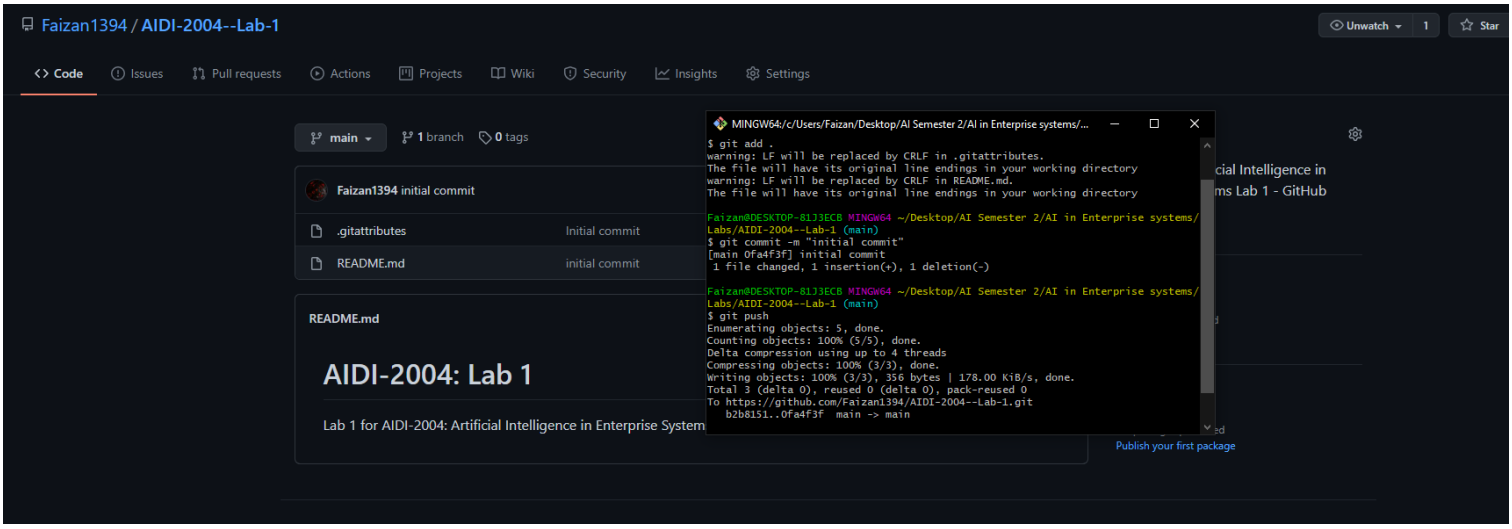
After researching both GitHub and GitLab I ended up choosing to use GitHub.

- GitHub has been available for a lot longer which means it has a bigger userbase and very little bugs if any.
- I have been personally using GitHub for a few years now so I am very well familiar with it
- GitHub free account only allows you to create Public repositories and not Private unless you pay, but that is more than sufficient for the purpose of school projects which I plan on public anyways to build my portfolio.
- I find the GitHub Desktop app very easy to use as an alternative to using git commands from time to time when doing things like creating a new repository or just wanting to visualize my commits.

Step 4

Python program written in Jupyter Notebook available on GitHub(simpleProgram branch). Description in readme.md file

Step 5



Step 6

README.md

```
# AIDI-2004: Lab 1
 Lab 1 for AIDI-2004: Artificial Intelligence in Enterprise Systems

# basicProgam.ipynb

A very simple python module containing 2 functions:
  * add(list)
    * argument: list of numbers
    * return: a number containing the total
    * This function adds up all the numbers in a list and returns there total

  * multiply(list)
    * argument: list of numbers
    * return: a number containing the result
    * This function multiplies all the numbers in a list and returns there result
```

README.md

AIDI-2004: Lab 1

Lab 1 for AIDI-2004: Artificial Intelligence in Enterprise Systems

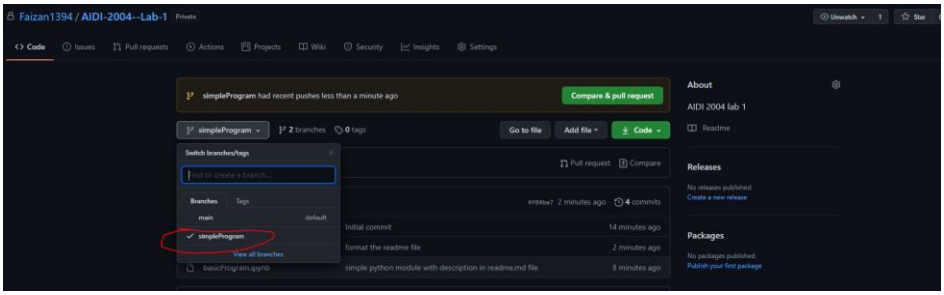
basicProgam.ipynb

A very simple python module containing 2 functions:

- add(list)
  - argument: list of numbers
  - return: a number containing the total
  - This function adds up all the numbers in a list and returns there total
- multiply(list)
  - argument: list of numbers
  - return: a number containing the result
  - This function multiplies all the numbers in a list and returns there result

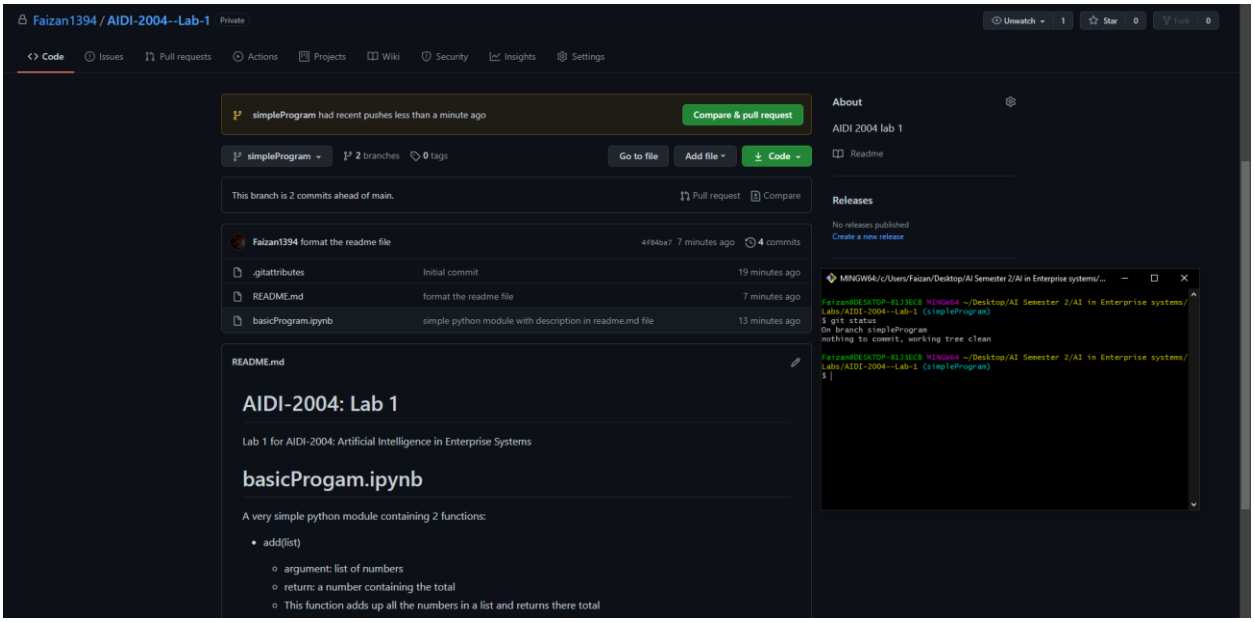
Step 7

New branch created using the command “git branch simpleProgram” in git

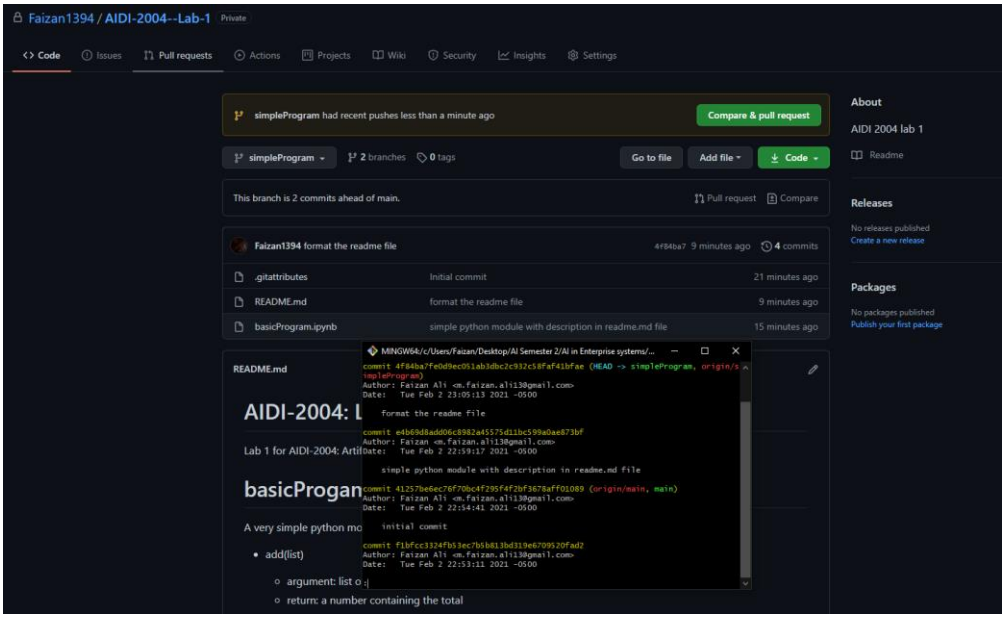



```
Faizan@DESKTOP-81J3ECB MINGW64 ~/Desktop/AI Semester 2/AI in Enterprise systems/
Labs/AIDI-2004--Lab-1 (simpleProgram)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 4 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (4/4), 1.19 KiB | 5.00 KiB/s, done.
Total 4 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'simpleProgram' on GitHub by visiting:
remote:      https://github.com/Faizan1394/AIDI-2004--Lab-1/pull/new/simpleProgr
am
remote:
To https://github.com/Faizan1394/AIDI-2004--Lab-1.git
 * [new branch]      simpleProgram -> simpleProgram
```

Step 8


Faizan1394 / AIDI-2004--Lab-1
Private
Code
Issues
Pull requests
Actions
Projects
Wiki
Security
Insights
Settings
simpleProgram had recent pushes less than a minute ago
Compare & pull request
simpleProgram
2 branches
0 tags
Go to file
Add file
Code
This branch is 2 commits ahead of main.
Pull request
Compare
Faizan1394 format the readme file
4f84ba7 7 minutes ago
4 commits
.gitattributes
Initial commit
19 minutes ago
README.md
format the readme file
7 minutes ago
basicProgram.ipynb
simple python module with description in readme.md file
13 minutes ago
README.md
AIDI-2004: Lab 1
Lab 1 for AIDI-2004: Artificial Intelligence in Enterprise Systems
basicProgam.ipynb
A very simple python module containing 2 functions:
add(list)
argument: list of numbers
return: a number containing the total
This function adds up all the numbers in a list and returns there total
About
AIDI 2004 lab 1
Readme
Releases
No releases published
Create a new release
MINGW64:/c/Users/Faizan/Desktop/AI Semester 2/AI in Enterprise systems/...
$ git status
On branch simpleProgram
nothing to commit, working tree clean

Step 9


Faizan1394 / AIDI-2004--Lab-1
Private
Code
Issues
Pull requests
Actions
Projects
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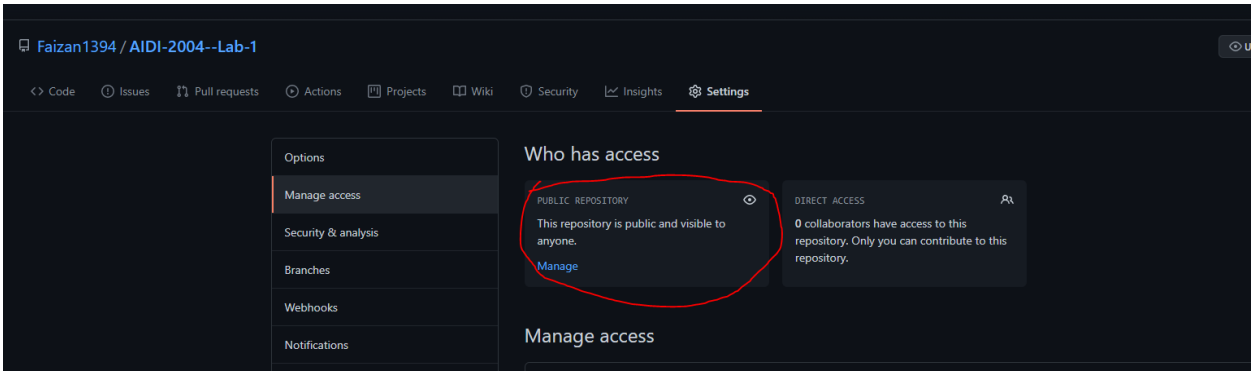
Insights
Settings
simpleProgram had recent pushes less than a minute ago
Compare & pull request
simpleProgram
2 branches
0 tags
Go to file
Add file
Code
This branch is 2 commits ahead of main.
Pull request
Compare
Faizan1394 format the readme file
4f84ba7 9 minutes ago
4 commits
.gitattributes
Initial commit
21 minutes ago
README.md
format the readme file
9 minutes ago
basicProgram.ipynb
simple python module with description in readme.md file
15 minutes ago
README.md
MINGW64:/c/Users/Faizan/Desktop/AI Semester 2/AI in Enterprise systems/...
commit 4f84ba7fe0d9ec051ab3dbc2c932c18faf41bfae (HEAD -> simpleProgram, origin/simpleProgram)
Author: Faizan Ali <m.faizan.ali130@gmail.com>
Date: Tue Feb 2 23:05:13 2021 -0500
format the readme file
commit e4b69d8add06c8982a45575d11bc599a0ae873bf
Author: Faizan <m.faizan.ali130@gmail.com>
Date: Tue Feb 2 22:59:17 2021 -0500
simple python module with description in readme.md file
commit 41257be6ec76f70bc4f295f4f2bf3678aff01089 (origin/main, main)
Author: Faizan Ali <m.faizan.ali130@gmail.com>
Date: Tue Feb 2 22:54:41 2021 -0500
initial commit
commit f1bfcc3324fb13ec7b5b813bd319e6709520fad2
Author: Faizan Ali <m.faizan.ali130@gmail.com>
Date: Tue Feb 2 22:53:11 2021 -0500
return: a number containing the total
About
AIDI 2004 lab 1
Readme
Releases
No releases published
Create a new release
Packages
No packages published
Publish your first package

Step 10



Link: https://github.com/Faizan1394/AIDI-2004--Lab-1