



Assignment 1

DevOps

Karim Kanji

IA20

2023

1. I chose Gitlab for this assignment

A

Assignment 1

Star 0

Fork 0

Project ID: 42597912

1 Commit

1 Branch

0 Tags

61 KB Project Storage

Update README.md

Karim Kanji authored 1 day ago

a5184b5e

main

assignment-1 /

Find file

Web IDE

Clone

README

Add LICENSE

Add CHANGELOG

Add CONTRIBUTING

Add Kubernetes cluster

Set up CI/CD

Configure Integrations

Name	Last commit	Last update
README.md	Update README.md	1 day ago

README.md

#Assignment 1

2. I went to the “Members” section and invited a colleague.

Invite members

You're inviting members to the **Assignment 1** project.

Username or email address

Danny Terho

Select members or type email addresses

Select a role

Guest

[Read more about role permissions](#)

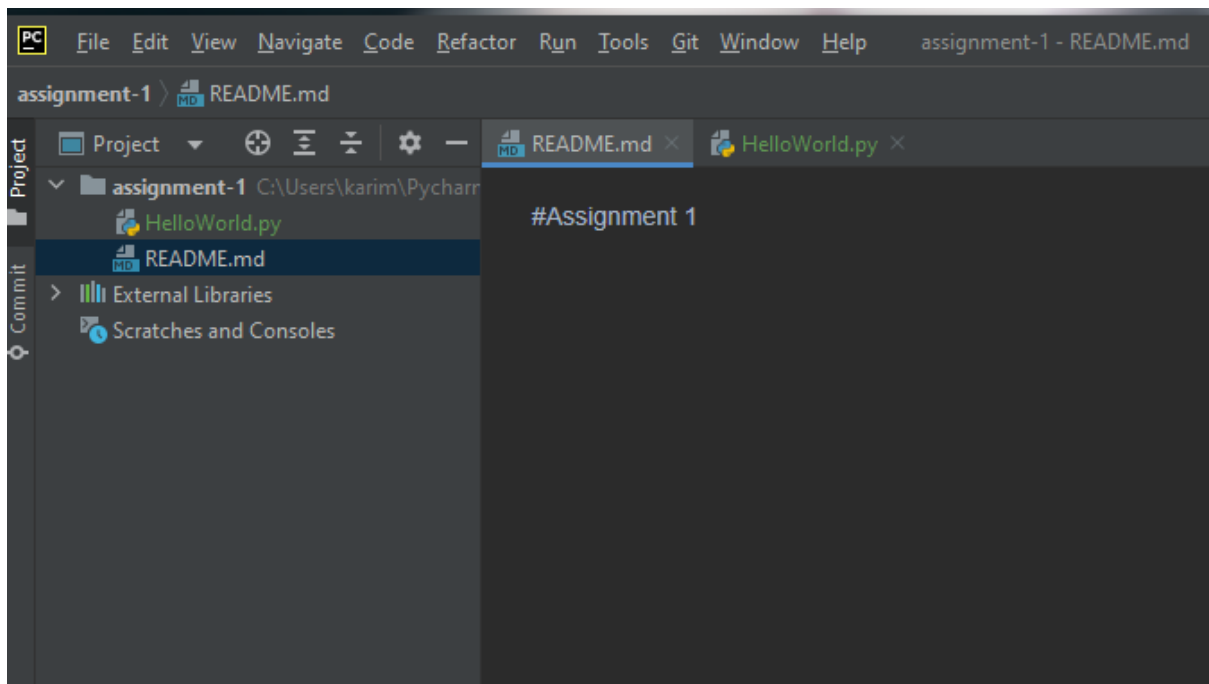
Access expiration date (optional)

YYYY-MM-DD

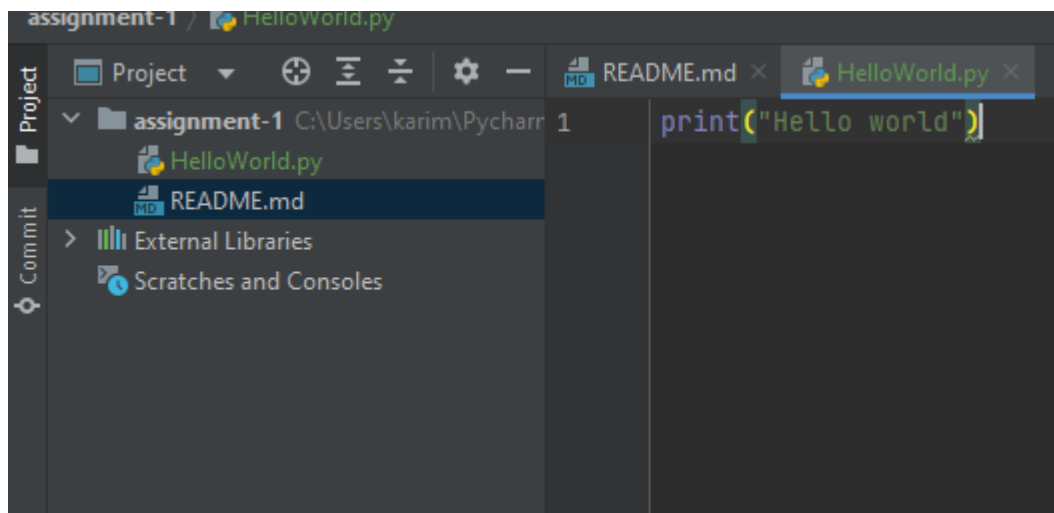
Cancel

Invite

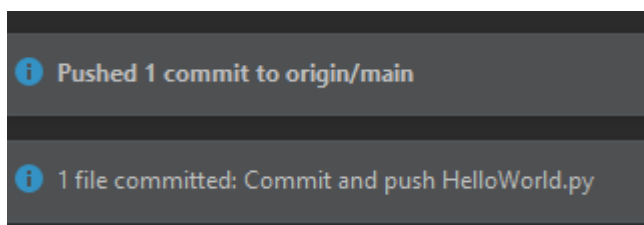
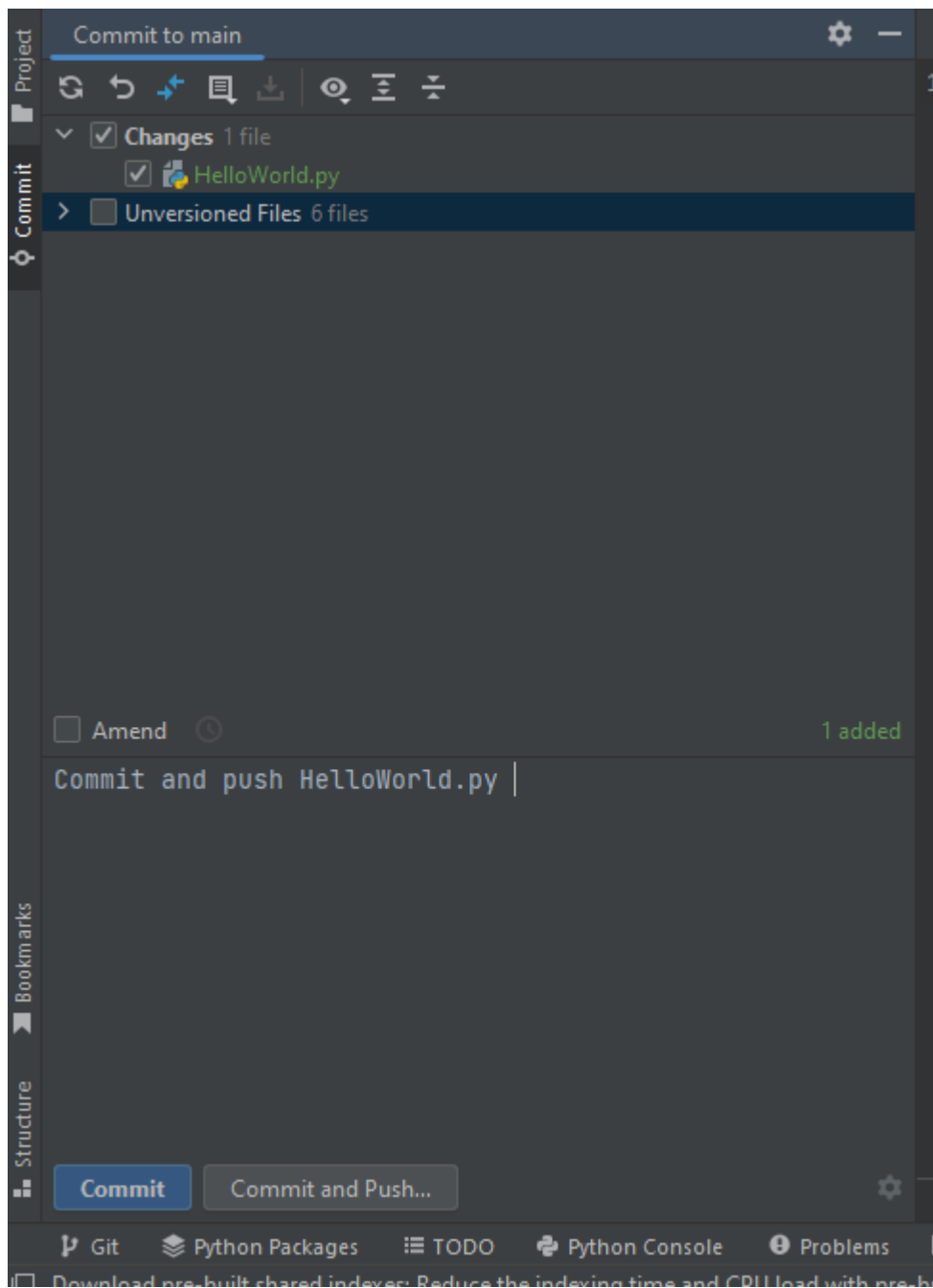
3. Connected to local repo with PyCharm



4. Made a simple print for "Hello World"



5. Committing and pushing changes



A

Assignment 1

Project ID: 42597912

Star

0

Fork

0

3 Commits

1 Branch

0 Tags

113 KB Project Storage

Commit and push HelloWorld.py
Karim Kanji authored just now

d7564817

main

assignment-1 /

+

Find file

Web IDE

↓

↓

Clone

README

Add LICENSE

Add CHANGELOG

Add CONTRIBUTING

Enable Auto DevOps

Add Kubernetes cluster

Set up CI/CD

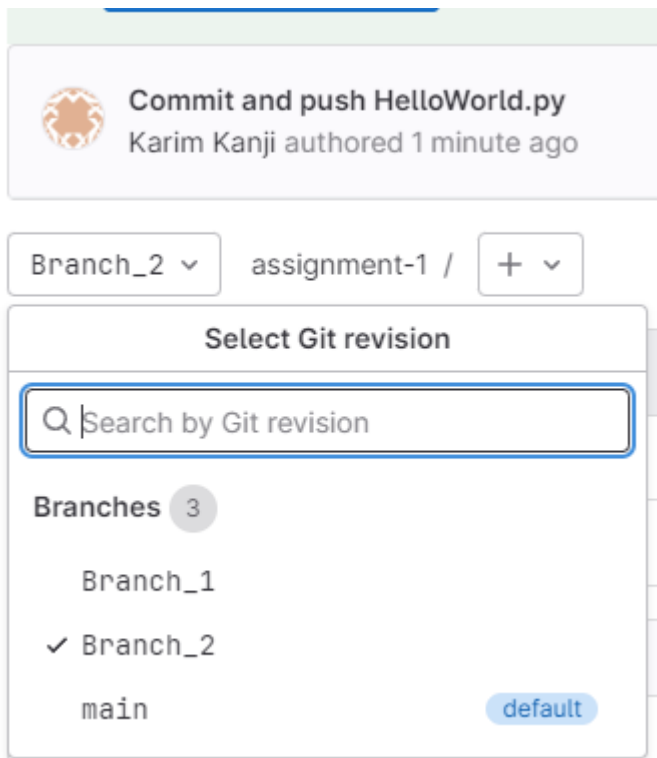
Configure Integrations

Name	Last commit	Last update
HelloWorld.py	Commit and push HelloWorld.py	just now
README.md	Update README.md	5 days ago

README.md

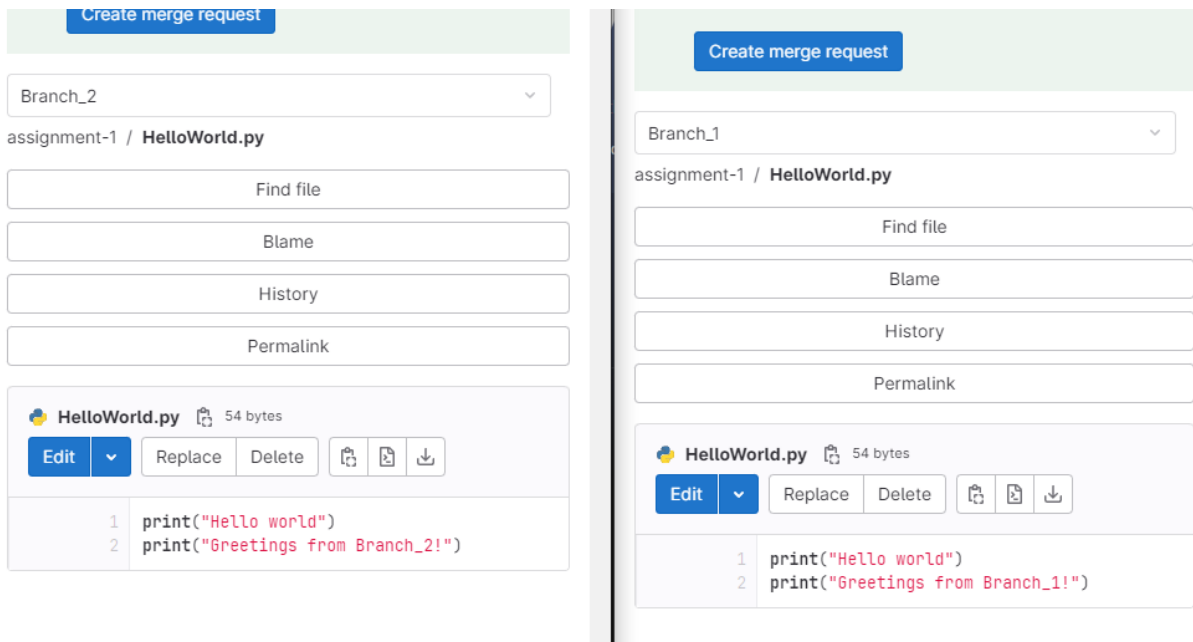
#Assignment 1

6. Created two new branches, and made some changes to my code



```
nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\karim\PycharmProjects\assignment-1> git switch -c Branch_1
Switched to a new branch 'Branch_1'
PS C:\Users\karim\PycharmProjects\assignment-1> git push
fatal: The current branch Branch_1 has no upstream branch.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 349 bytes | 349.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: To create a merge request for Branch_1, visit:
remote:   https://gitlab.com/kanjekar/assignment-1/-/merge\_requests/new?merge\_request%5Bsource\_branch%5D=Branch\_1
remote:
To https://gitlab.com/kanjekar/assignment-1.git
    d756481..7d38f99  Branch_1 -> Branch_1
branch 'Branch_1' set up to track 'origin/Branch_1'.
PS C:\Users\karim\PycharmProjects\assignment-1>
PS C:\Users\karim\PycharmProjects\assignment-1>
```

Did the same for both branches.





7. Made separate functionality for both branches.

```
1 myStr = "This is a random string"
2
3 for i in range(0, len(myStr)):
4     print(i)
5
```

Branch_2 assignment-1 / Functionality2.py

```
1 list = ["Random functionality 1", "Random
2
3 for i in list:
4     print(i)
5
```

8. Merged the branches.

 Merged by  [Karim Kanji](#) right now [Revert](#) [Cherry-pick](#)

Merge details

- Changes merged into `main` with [1c183b05](#).
- Deleted the source branch.


Using two different functionalities, a request automatically prompted to user from a specific branch, and also made a manual merge request


New merge request

Source branch

kanjkar/assignment-1

Branch_2


 **Functionality in branch 2**
Karim Kanji authored 10 minutes ago


a06bf256 

Target branch

kanjkar/assignment-1

main


 **Merge branch 'Branch_1' into 'main'** ...
Karim Kanji authored 1 minute ago

1c183b05 

Compare branches and continue

Both functionalities are now in the main branch!

karim kanji / assignment-1 / repository

 **Merge branch 'Branch_2' into 'main'** ...
Karim Kanji authored just now





main


 / assignment-1 /

+

History

Find file

Name	Last commit
 Functionality1.py	Functionality in branch 1
 Functionality2.py	Functionality in branch 2
 HelloWorld.py	Commit and push Greetings from branch 2
 README.md	Update README.md

 **README.md**