

Assignment 2 + Lab 4

For Assignment 2+Lab 4 guidelines I need screenshots for the below-mentioned points:

Instructions:

1. Submit the lab 4 and assignment 2 in different dropbox.
2. The deadline for lab 4 is 28th September 2023, 10 am
3. The deadline for Assignment 2 is 3rd October, 2023, 11:59pm
4. Only pdf
5. Individual assessment

Install PyCharm:

<https://www.youtube.com/watch?v=WJynvGY-2wk>

Lab -4

1. Create integration folder in github

The screenshot shows the GitHub interface for a repository named 'Ruchika_112233'. The repository is private and has 1 branch (main) and 0 tags. The commit history shows three commits: 'Ruchika and Ruchika files added' (8 minutes ago), 'integration' (8 minutes ago), and 'README.md' (18 minutes ago). The 'integration' folder is highlighted with a red box. Below the commit history, the README.md file is visible, containing the text 'Ruchika_112233' with a link icon.

Ruchika-1806 / Ruchika_112233

Code Issues Pull requests Actions Projects Security Insights Settings

Ruchika_112233 Private Unwatch 1

main 1 branch 0 tags Go to file Add file Code

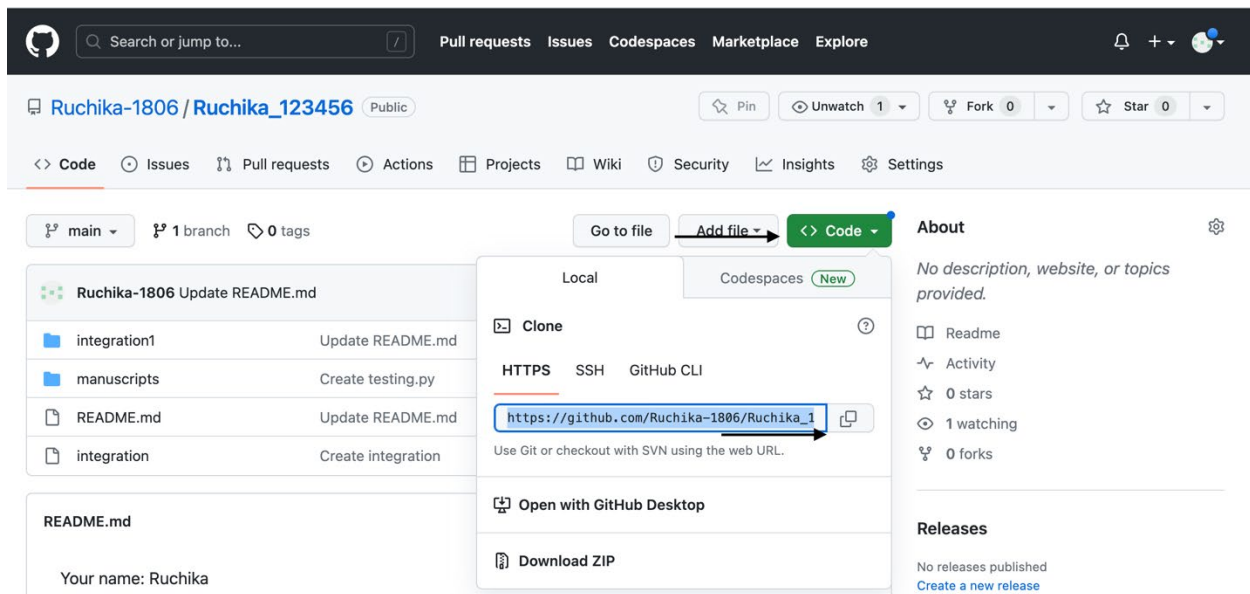
Commit Message	Files	Time
Ruchika and Ruchika files added	073f2f8	8 minutes ago 3 commits
integration	files added	8 minutes ago
README.md	Initial commit	18 minutes ago

README.md

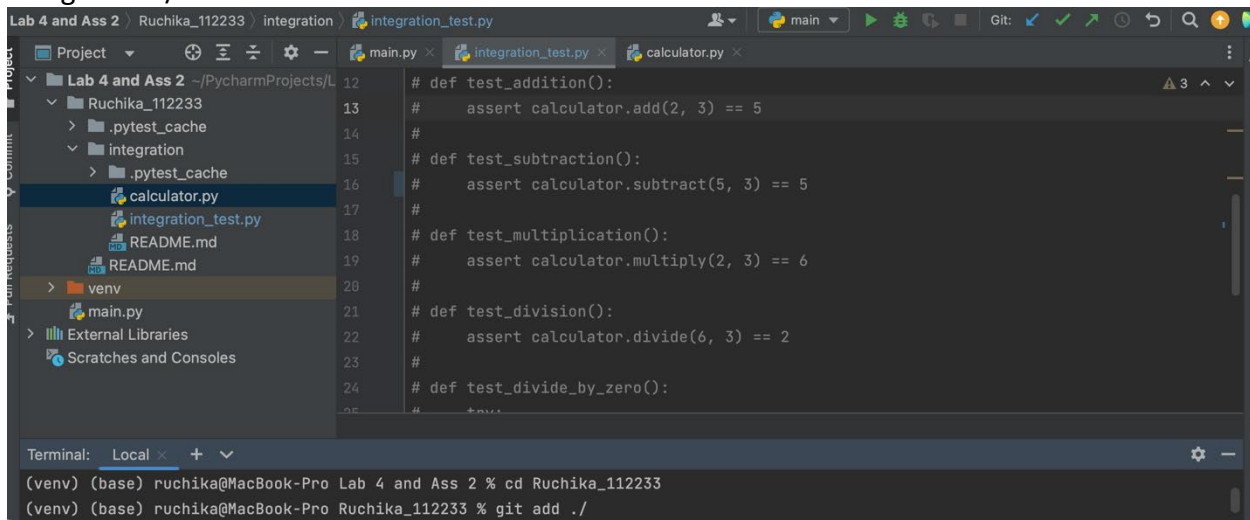
Ruchika_112233

2. Put .py files in integration folder using git commands below from any IDE(using PyCharm)
push the code/files to github

a. git clone https://github.com/Ruchika-1806/Ruchika_123456.git



b. git add ./



c. git commit -m "Write your message"

```
Lab 4 and Ass 2 | Ruchika_112233 | integration | integration_test.py  
Project | Ruchika_112233 | .pytest_cache | integration | .pytest_cache | calculator.py | integration_test.py | README.md | README.md | venv | main.py | External Libraries | Scratches and Consoles  
main.py | integration_test.py | calculator.py  
12 # def test_addition():  
13 #     assert calculator.add(2, 3) == 5  
14 #  
15 # def test_subtraction():  
16 #     assert calculator.subtract(5, 3) == 5  
17 #  
18 # def test_multiplication():  
19 #     assert calculator.multiply(2, 3) == 6  
20 #  
21 # def test_division():  
22 #     assert calculator.divide(6, 3) == 2  
23 #  
24 # def test_divide_by_zero():  
25 #  
26 #  
Terminal: Local x + v  
(venv) (base) ruchika@MacBook-Pro Ruchika_112233 % git add ./  
(venv) (base) ruchika@MacBook-Pro Ruchika_112233 % git commit -m "files added"  
[main 073f2f8] files added  
Committer: Ruchika <ruchika@MacBook-Pro.local>  
Your name and email address were configured automatically based  
on your username and hostname. Please check that they are accurate.  
You can suppress this message by setting them explicitly. Run the  
following command and follow the instructions in your editor to edit  
your configuration file:
```

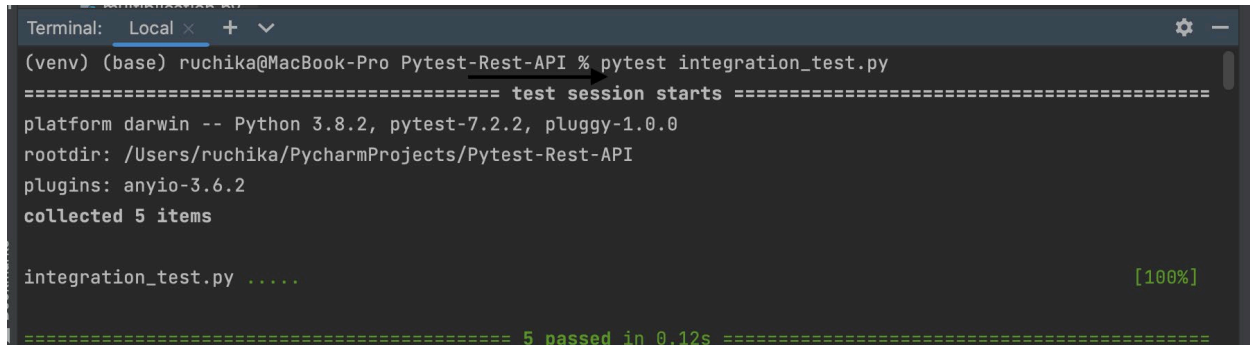
d. git push

```
Lab 4 and Ass 2 | Ruchika_112233 | integration | integration_test.py  
Project | Ruchika_112233 | .pytest_cache | integration | .pytest_cache | calculator.py | integration_test.py | README.md | README.md | venv | main.py | External Libraries | Scratches and Consoles  
main.py | integration_test.py | calculator.py  
20 #  
21 # def test_division():  
22 #     assert calculator.divide(6, 3) == 2  
23 #  
24 # def test_divide_by_zero():  
25 #     try:  
26 #         calculator.divide(6, 0)  
27 #     except ValueError as e:  
28 #         assert str(e) == "Cannot divide by zero"  
29 #     else:  
30 #         assert False, "Expected ValueError"  
31 #  
Terminal: Local x + v  
nothing to commit, working tree clean  
(venv) (base) ruchika@MacBook-Pro Ruchika_112233 % git push  
Enumerating objects: 7, done.  
Counting objects: 100% (7/7), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (5/5), done.  
Writing objects: 100% (5/5), 845 bytes | 845.00 KiB/s, done.  
Total 5 (delta 0), reused 0 (delta 0), pack-reused 0  
To https://github.com/Ruchika-1806/Ruchika_112233.git  
80ae731..073f2f8 main -> main
```

Assignment 2

3. Write commands to run the file:

- pytest integration_test.py

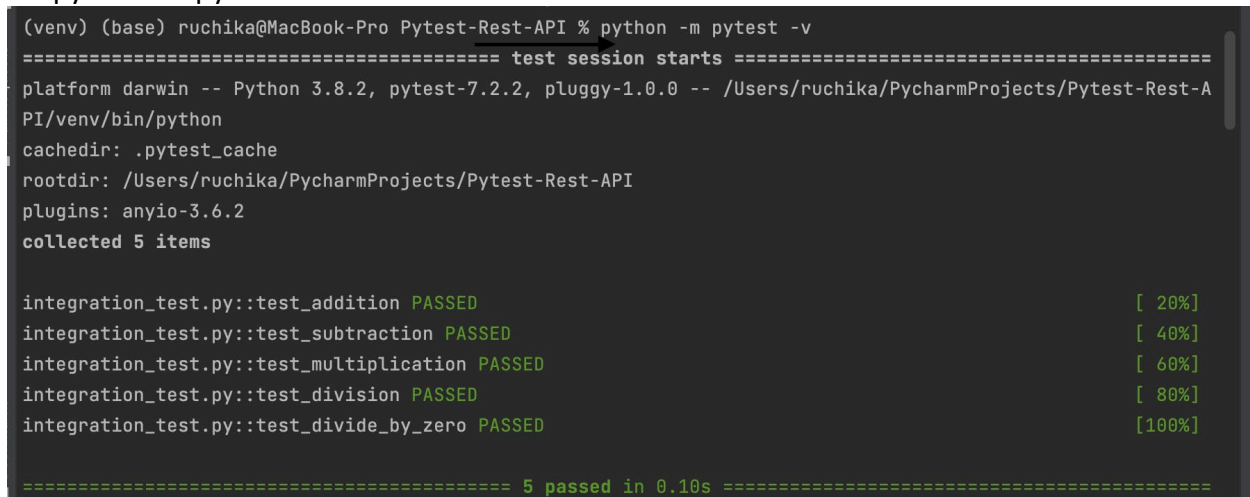
A terminal window titled 'Terminal: Local' showing the command 'pytest integration_test.py' being executed. The output indicates a successful test session with 5 items collected and all tests passed. The progress bar shows 100% completion.

```
Terminal: Local x + v
(venv) (base) ruchika@MacBook-Pro Pytest-Rest-API % pytest integration_test.py
===== test session starts =====
platform darwin -- Python 3.8.2, pytest-7.2.2, pluggy-1.0.0
rootdir: /Users/ruchika/PycharmProjects/Pytest-Rest-API
plugins: anyio-3.6.2
collected 5 items

integration_test.py ..... [100%]

===== 5 passed in 0.12s =====
```

- python -m pytest -v

A terminal window showing the command 'python -m pytest -v' being executed. The output provides a detailed view of the test session, including the platform, root directory, and individual test results for each item. The progress bar shows 100% completion for all tests.

```
(venv) (base) ruchika@MacBook-Pro Pytest-Rest-API % python -m pytest -v
===== test session starts =====
platform darwin -- Python 3.8.2, pytest-7.2.2, pluggy-1.0.0 -- /Users/ruchika/PycharmProjects/Pytest-Rest-API/venv/bin/python
cachedir: .pytest_cache
rootdir: /Users/ruchika/PycharmProjects/Pytest-Rest-API
plugins: anyio-3.6.2
collected 5 items

integration_test.py::test_addition PASSED [ 20%]
integration_test.py::test_subtraction PASSED [ 40%]
integration_test.py::test_multiplication PASSED [ 60%]
integration_test.py::test_division PASSED [ 80%]
integration_test.py::test_divide_by_zero PASSED [100%]

===== 5 passed in 0.10s =====
```

4. Final screenshots to be submitted:

Lab 4

- Screenshots of step 2 commands ran successfully
- Screenshot of files successfully added in the folder in github

Assignment 2

- Screenshots of step 3 commands ran successfully
- Link of the repo (make it public)

