

Assignment - 2

Name: Shivani Shaileshkumar Varu

Student ID: 8941914

Section: 4

3. Write commands to run the file:

- pytest integration_test.py

The screenshot shows the PyCharm IDE interface. The left sidebar displays a project structure with a 'integration' folder containing 'calculator.py' and 'integration_test.py'. The main editor window shows the code for 'integration_test.py'. The terminal window at the bottom shows the command 'pytest integration_test.py' being run, followed by the test session output.

```
PS C:\Users\varus\PycharmProjects\ShivaniVaru_8941914> cd integration
PS C:\Users\varus\PycharmProjects\ShivaniVaru_8941914\integration> pytest integration_test.py
=====
platform win32 -- Python 3.11.5, pytest-7.4.2, pluggy-1.3.0
rootdir: C:\Users\varus\PycharmProjects\ShivaniVaru_8941914\integration
rootdir: C:\Users\varus\PycharmProjects\ShivaniVaru_8941914\integration
collected 6 items

integration_test.py::test_integration PASSED
integration_test.py::test_addition PASSED
integration_test.py::test_subtraction PASSED
integration_test.py::test_multiplication PASSED
integration_test.py::test_division PASSED
integration_test.py::test_divide_by_zero PASSED

[ 16%]
[ 33%]
[ 50%]
[ 66%]
[ 83%]
[100%]

PS C:\Users\varus\PycharmProjects\ShivaniVaru_8941914>
```

- python -m pytest -v

The screenshot shows the PyCharm IDE interface. The left sidebar displays a project structure for 'ShivaniVaru_8941914' containing files like 'calculator.py', 'integration_test.py', and 'README.md'. The main editor window shows the code for 'integration_test.py'. The terminal window at the bottom has a command-line interface (CLI) showing the execution of the pytest command. The output indicates a successful test session with 6 passed items.

```
PS C:\Users\varus\PycharmProjects\ShivaniVaru_8941914> python -m pytest -v
=====
platform win32 -- Python 3.11.5, pytest-7.4.2, pluggy-1.3.0 -- C:\Users\varus\AppData\Local\Programs\Python\Python311\python.exe
cachedir: .pytest_cache
rootdir: C:\Users\varus\PycharmProjects\ShivaniVaru_8941914
collected 6 items

integration/integration_test.py::test_integration PASSED [ 16%]
integration/integration_test.py::test_addition PASSED [ 33%]
integration/integration_test.py::test_subtraction PASSED [ 50%]
integration/integration_test.py::test_multiplication PASSED [ 66%]
integration/integration_test.py::test_division PASSED [ 83%]
integration/integration_test.py::test_divide_by_zero PASSED [100%]

=====
6 passed in 0.05s =====
PS C:\Users\varus\PycharmProjects\ShivaniVaru_8941914>
```

At the bottom, the taskbar shows the weather (13°C, Mostly cloudy), system icons, and the current date and time (30:44, 12:20 AM, 2023-09-28).

Git hub repo: https://github.com/shivi-1010/ShivaniVaru_8941914