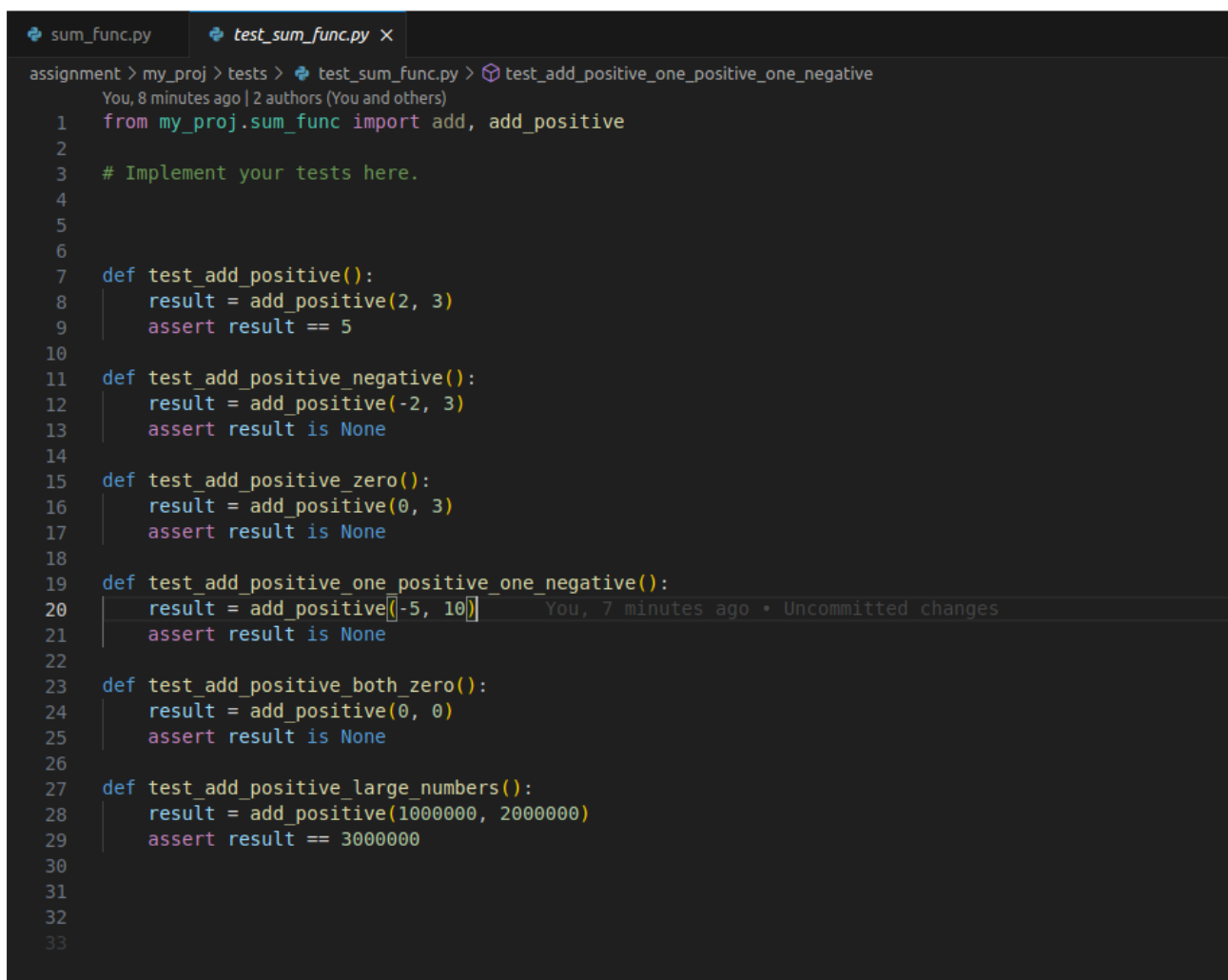# Group Member's Name:-

Muhammad Arsalan (2303.KHI.DEG.025)
Abdul Rehman (2303.KHI.DEG.035)
Arshad Shiwani (2303.KHI.DEG.026)

Here we write the test code of **sum_func.py** file.

```python
from my_proj.sum_func import add, add_positive

# Implement your tests here.


def test_add_positive():
    result = add_positive(2, 3)
    assert result == 5

def test_add_positive_negative():
    result = add_positive(-2, 3)
    assert result is None

def test_add_positive_zero():
    result = add_positive(0, 3)
    assert result is None

def test_add_positive_one_positive_one_negative():
    result = add_positive(-5, 10)        You, 7 minutes ago • Uncommitted changes
    assert result is None

def test_add_positive_both_zero():
    result = add_positive(0, 0)
    assert result is None

def test_add_positive_large_numbers():
    result = add_positive(1000000, 2000000)
    assert result == 3000000
```

This the result here we can see the test passes.


```
==================================== 6 passed in 0.05s ====================================
● (base) abdulrehman@all-MS-7D35:~/Desktop/data_engineering_bootcamp_2303/tasks/6_writing_robust_readable_and_maintainable_code/day_2_testing/assignment/my_proj$ pytest --cov=. tests/
==================================== test session starts ====================================
platform linux -- Python 3.10.9, pytest-7.3.1, pluggy-1.0.0
rootdir: /home/abdulrehman/Desktop/data_engineering_bootcamp_2303/tasks/6_writing_robust_readable_and_maintainable_code/day_2_testing/assignment/my_proj
plugins: dash-2.9.3, cov-4.0.0, anyio-3.6.2
collected 6 items

tests/test_sum_func.py ......                                                    [100%]

---------- coverage: platform linux, python 3.10.9-final-0 -----------
Name                     Stmts   Miss  Cover
--------------------------------------------
__init__.py                  0      0   100%
sum_func.py                  6      0   100%
tests/__init__.py            0      0   100%
tests/test_sum_func.py      19      0   100%
--------------------------------------------
TOTAL                       25      0   100%


==================================== 6 passed in 0.05s ====================================
○ (base) abdulrehman@all-MS-7D35:~/Desktop/data_engineering_bootcamp_2303/tasks/6_writing_robust_readable_and_maintainable_code/day_2_testing/assignment/my_proj$
```