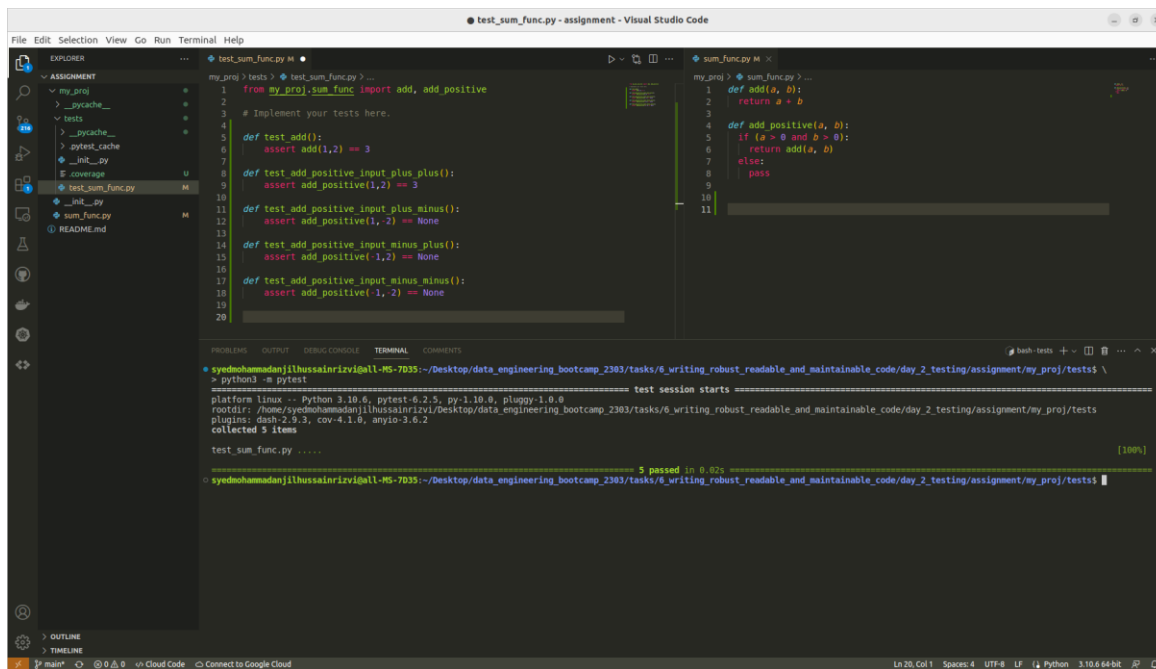


## Members:

1. Syed Mohammad Anjil Hussain Rizvi (2303.KHI.DEG.031)
2. Huzefa Anver (2303.KHI.DEG.002)

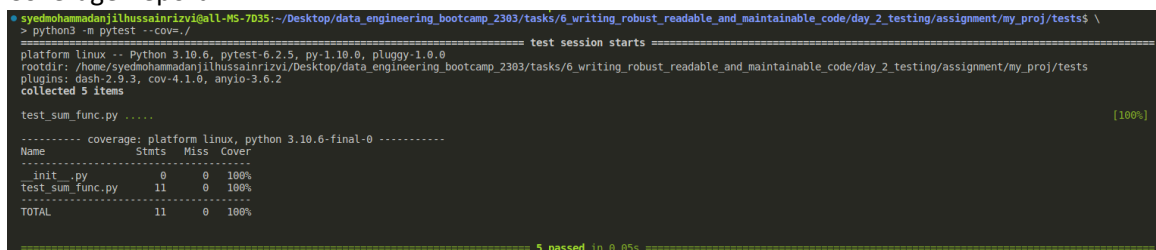
100% branch, condition, statement and function coverage has been achieved. The claim of 100% statement coverage can be validated below in the coverage report.



The screenshot shows the Visual Studio Code interface with the file `test_sum_func.py` open. The file contains a function `add(a, b)` and several test cases using `pytest`. The terminal output shows the execution of `python3 -m pytest`, which passes all 5 tests in 0.02s, achieving 100% coverage.

```
test_sum_func.py ..... [100%]
```

## Coverage Report:



The screenshot shows the terminal output of the coverage report. It displays the test session results, including the number of tests passed (5) and the coverage percentage (100%).

```
test session starts ..... [100%]
```

Name	Stats	Miss	Cover
init.py	0	0	100%
test_sum_func.py	11	0	100%
TOTAL	11	0	100%

(it can be seen that 100% statement coverage has been achieved)