

DAY-6

Task 1: Write a simple Python function to add two numbers and then write a pytest test case to test this function.

SOLUTION:

```
def add_numbers(a,b):
```

```
    return a+b
```

```
import pytest
```

```
def test_add_numbers():
```

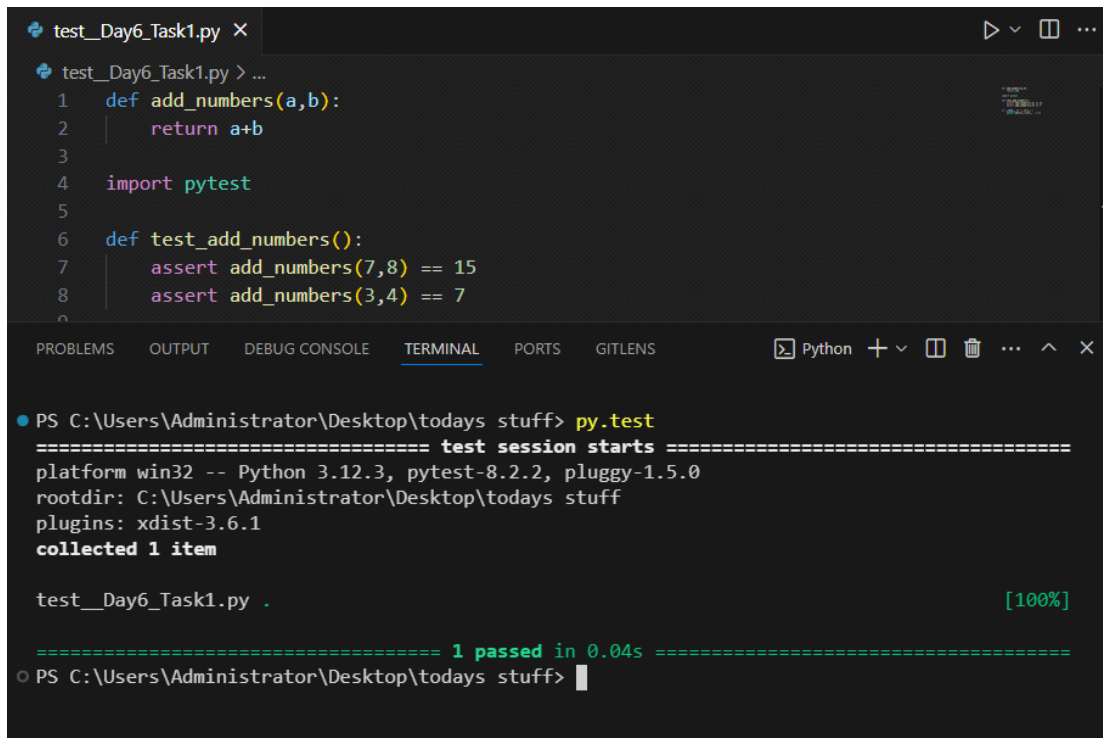
```
    assert add_numbers(7,8) == 15
```

```
    assert add_numbers(3,4) == 7
```

```
if __name__ == "__main__":
```

```
    pytest.main([__file__ , 'v'])
```

OUTPUT:



The image shows a code editor window with a file named `test_Day6_Task1.py`. The code defines a function `add_numbers(a,b)` that returns `a+b`, and a test function `test_add_numbers()` that asserts `add_numbers(7,8) == 15` and `add_numbers(3,4) == 7`. Below the code, a terminal window shows the output of running `py.test`. The output indicates that the test session started successfully, collected 1 item, and passed the test in 0.04s.

```
test_Day6_Task1.py > ...
1 def add_numbers(a,b):
2     return a+b
3
4 import pytest
5
6 def test_add_numbers():
7     assert add_numbers(7,8) == 15
8     assert add_numbers(3,4) == 7
9

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS GITLENS Python + - - - - -

● PS C:\Users\Administrator\Desktop\todays stuff> py.test
===== test session starts =====
platform win32 -- Python 3.12.3, pytest-8.2.2, pluggy-1.5.0
rootdir: C:\Users\Administrator\Desktop\todays stuff
plugins: xdist-3.6.1
collected 1 item

test_Day6_Task1.py . [100%]

===== 1 passed in 0.04s =====
○ PS C:\Users\Administrator\Desktop\todays stuff>
```