

## Pytest Activity

After setting up the required environment locally on my VS Code IDE and running the first tests the output:

```
PS C:\Users\Michael Botha\OneDrive\MSC Computer Science\All-Programming-Projects-and-Studies\MSc Programming\Software Engineering Project Management\pytest> pytest -q test_wallet.py
.....
[100%]
5 passed in 0.02s
```

I then altered one of the methods to produce an error in the testing:

```
"""Original method"""
# def add_cash(self, amount):
#     self.balance += amount
"""Method introducing fault"""
def add_cash(self, amount):
    self.balance += amount + 10
```

The output from the above failed the test pertaining to the method altered:

```
⊗ t_wallet.py
..F.. [100%]
===== FAILURES =====
_____ test_wallet_add_cash _____

    def test_wallet_add_cash():
        wallet = Wallet(10)
        wallet.add_cash(90)
>       assert wallet.balance == 100
E       assert 110 == 100
E       + where 110 = <wallet.Wallet object at 0x0000024834EDF2B0>.balance

test_wallet.py:15: AssertionError
===== short test summary info =====
FAILED test_wallet.py::test_wallet_add_cash - assert 110 == 100
1 failed, 4 passed in 0.10s
```