

Kizzie Trinh

M05 Testing

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Command Prompt

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Ran 1 test in 0.000s
FAILED (errors=1)
C:\Users\canas\Desktop\SRPING2024\PYTHON\Module 5\project\tests>python -m unittest -v test
test (unittest.loader._FailedTest.test) ... ERROR
=====
ERROR: test (unittest.loader._FailedTest.test)
=====
ImportError: Failed to import test module: test
Traceback (most recent call last):
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\loader.py", line 137, in loadTestsFromName
    module = __import__(module_name)
              ^^^^^^^^^^^^^^^^^^^^^
  File "C:\Users\canas\Desktop\SRPING2024\PYTHON\Module 5\project\tests\test.py", line 3, in <module>
    target= __import__("my_sum.py")
              ^^^^^^^^^^^^^^^^^^^^^
ModuleNotFoundError: No module named 'my_sum'

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C:\Users\canas\Desktop\SRPING2024\PYTHON\Module 5\project\tests>
```

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Command Prompt

__import__(name)
  File "C:\Users\canas\Desktop\SRPING2024\PYTHON\Module 5\project\tests\test.py", line 3, in <module>
    target= __import__("my_sum.py")
              ^^^^^^^^^^^^^^^^^^^^^
ModuleNotFoundError: No module named 'my_sum'

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Ran 1 test in 0.000s
FAILED (errors=1)
C:\Users\canas\Desktop\SRPING2024\PYTHON\Module 5\project\tests>python -m unittest discover -s tests
Traceback (most recent call last):
  File "<frozen runpy>", line 198, in _run_module_as_main
  File "<frozen runpy>", line 88, in _run_code
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\__main__.py", line 18, in <module>
    main(module=None)
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\main.py", line 104, in __init__
    self.parseArgs(argv)
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\main.py", line 130, in parseArgs
    self._do_discovery(argv[2:])
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\main.py", line 253, in _do_discovery
    self.createTests(from_discovery=True, Loader=Loader)
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\main.py", line 160, in createTests
    self.test = loader.discover(self.start, self.pattern, self.top)
                  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\loader.py", line 307, in discover
    raise ImportError('Start directory is not importable: %r' % start_dir)
ImportError: Start directory is not importable: 'tests'

C:\Users\canas\Desktop\SRPING2024\PYTHON\Module 5\project\tests> python -m unittest discover -s tests -t src
Traceback (most recent call last):
  File "<frozen runpy>", line 198, in _run_module_as_main
  File "<frozen runpy>", line 88, in _run_code
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\__main__.py", line 18, in <module>
    main(module=None)
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\main.py", line 104, in __init__
    self.parseArgs(argv)
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    self._do_discovery(argv[2:])
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\main.py", line 253, in _do_discovery
    self.createTests(from_discovery=True, Loader=Loader)
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\main.py", line 160, in createTests
    self.test = loader.discover(self.start, self.pattern, self.top)
                  ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "C:\Users\canas\AppData\Local\Programs\Python\Python312\Lib\unittest\loader.py", line 307, in discover
    raise ImportError('Start directory is not importable: %r' % start_dir)
ImportError: Start directory is not importable: 'tests'

C:\Users\canas\Desktop\SRPING2024\PYTHON\Module 5\project\tests>
```

Kizzie Trinh
M05 Testing

[illegible]

The screenshot displays a Jupyter Notebook environment with the following content:

```

## Kizzie Trinh ##
## M05 Testing ##

[ ]: import unittest
from fractions import Fraction

[ ]: from my_sum import sum

[ ]: class TestSum(unittest.TestCase):
    def test_list_int(self):
        """
        Test that it can sum a list of integers
        """
        data = [1, 2, 3]
        result = sum(data)
        self.assertEqual(result, 6)

    def test_list_fraction(self):
        """
        Test that it can sum a list of fractions
        """
        data = [Fraction(1, 4), Fraction(1, 4), Fraction(2, 5)]
        result = sum(data)
        self.assertEqual(result, 1)

[ ]: if __name__ == '__main__':
    unittest.main()

-----
NameError                                Traceback (most recent call last)
Cell In[1], line 2
      1 if __name__ == '__main__':
----> 2     unittest.main()

NameError: name 'unittest' is not defined

```

The error message indicates that the `unittest` module is not defined, which is likely due to the `import unittest` statement not being executed before the class definition or the `unittest.main()` call.