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|  | **2023** |
|  | Code Coverage Analysis[Type the author name] |

**Question # 01**

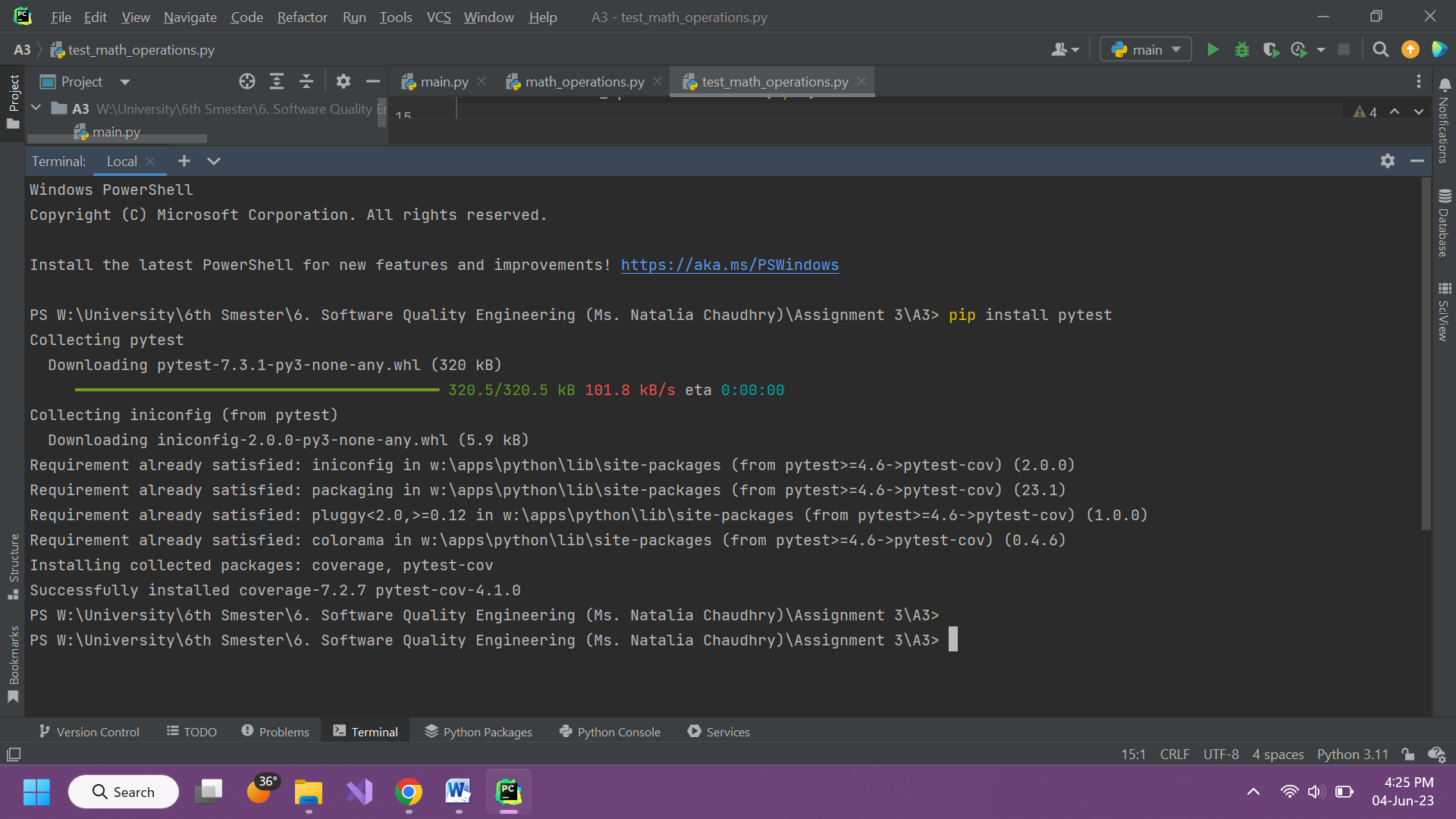
**Explore the tool of code coverage with some sample code and briefly present the results with snapshots.**

• Pytest-cov

**Solution:**

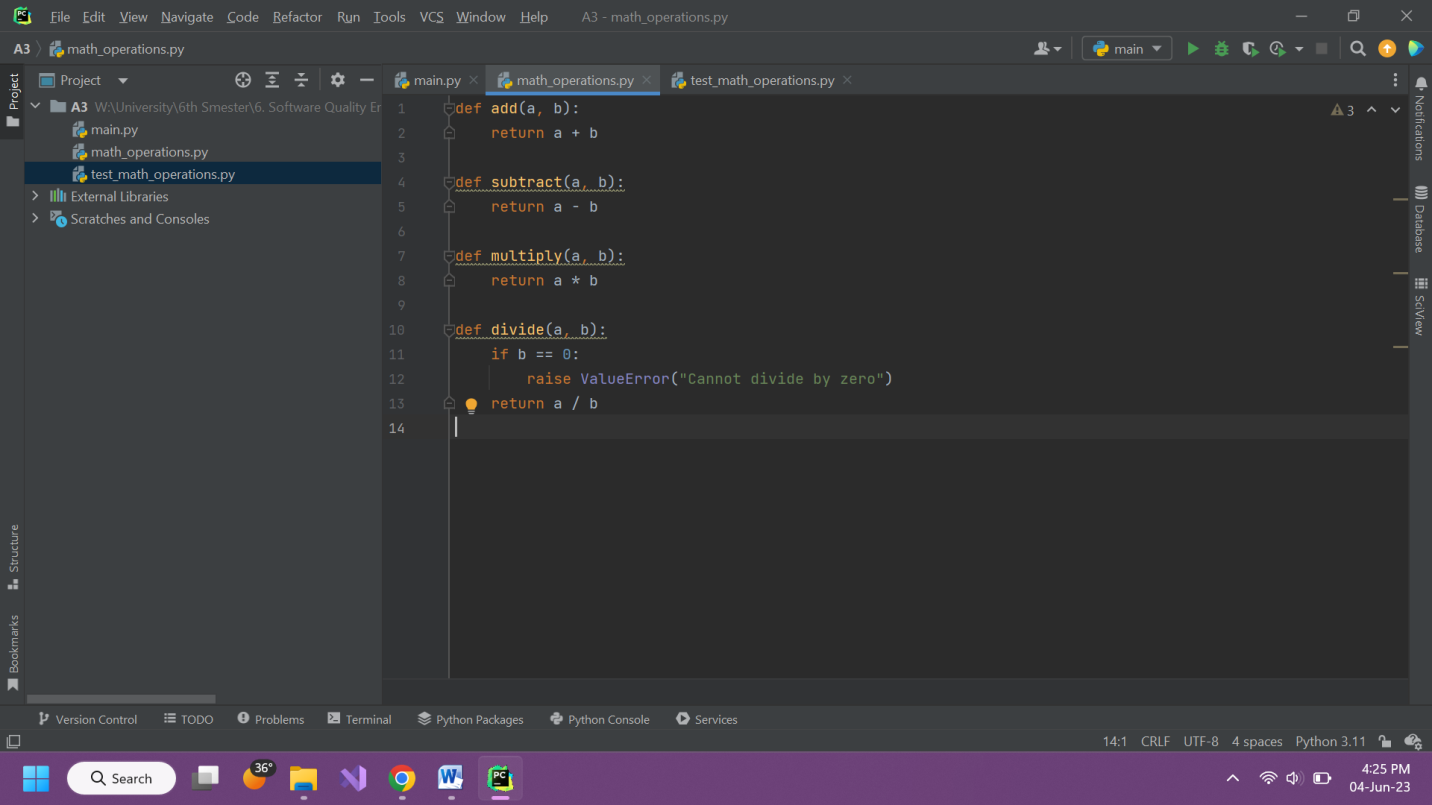
Here is the exploration details of “**Pytest-cov”.** I am using this because it is compatible with PYCHARM and I already have installed PYCHARM.

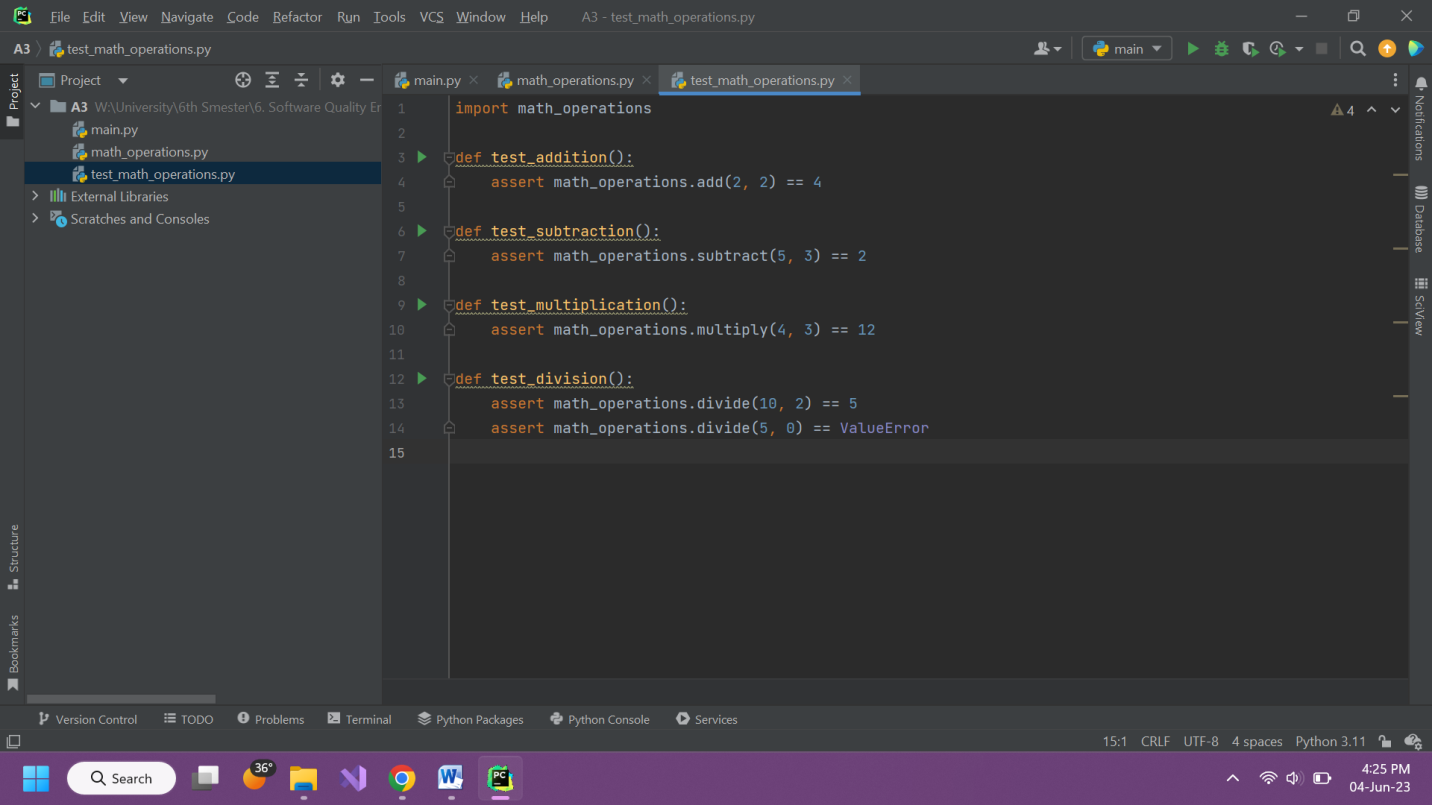
To install Pytest-cov use command **“pip install pytest-cov”** in **PYCHARM terminal.**

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**Sample Code:**

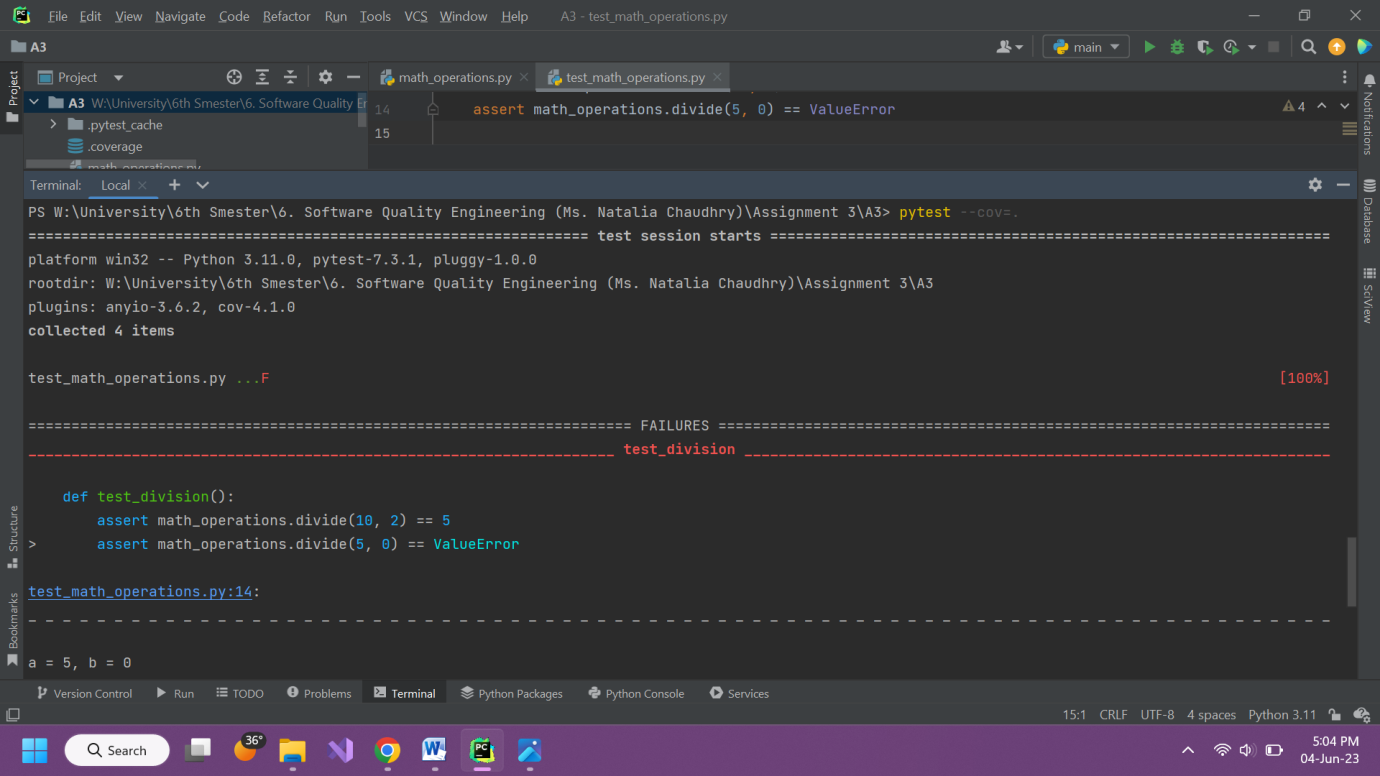
This is a **basic calculation code** (+, -, /, \*) in python language

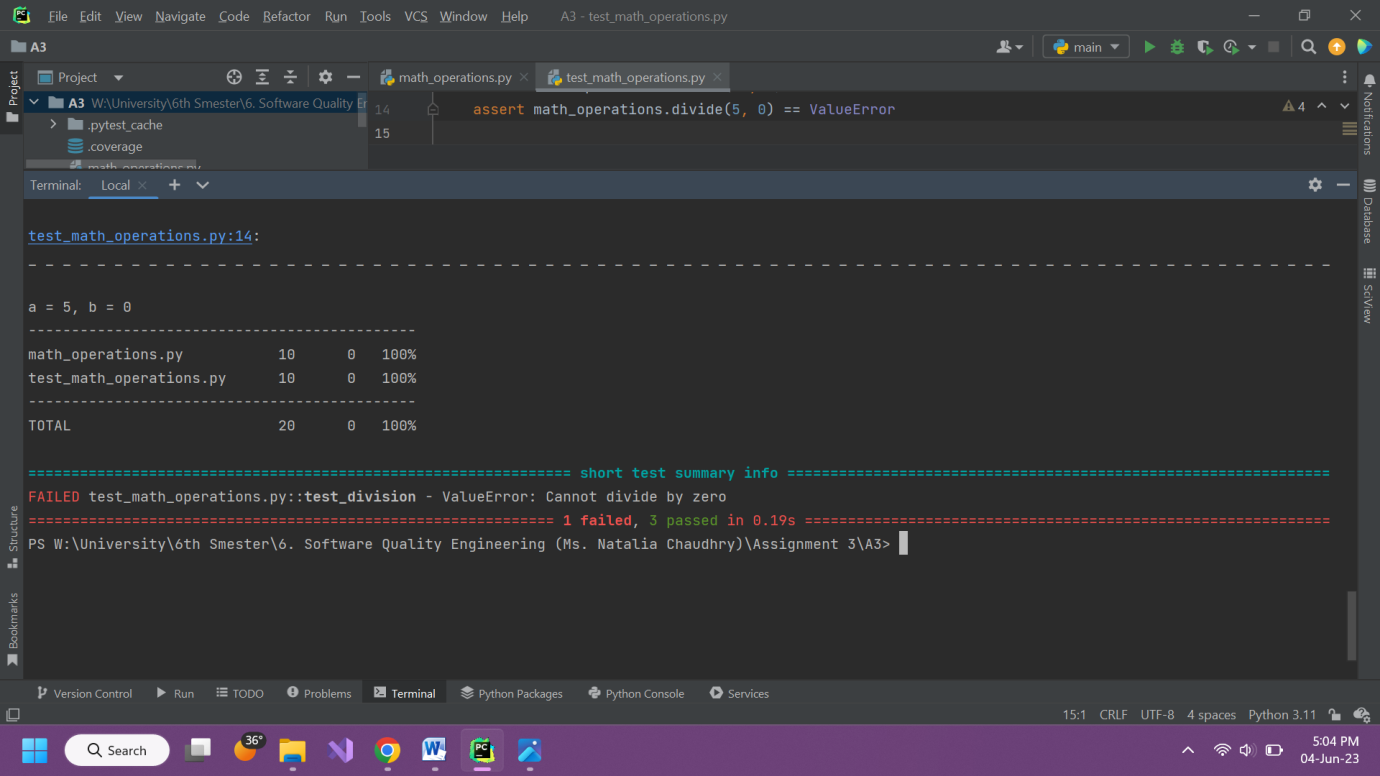


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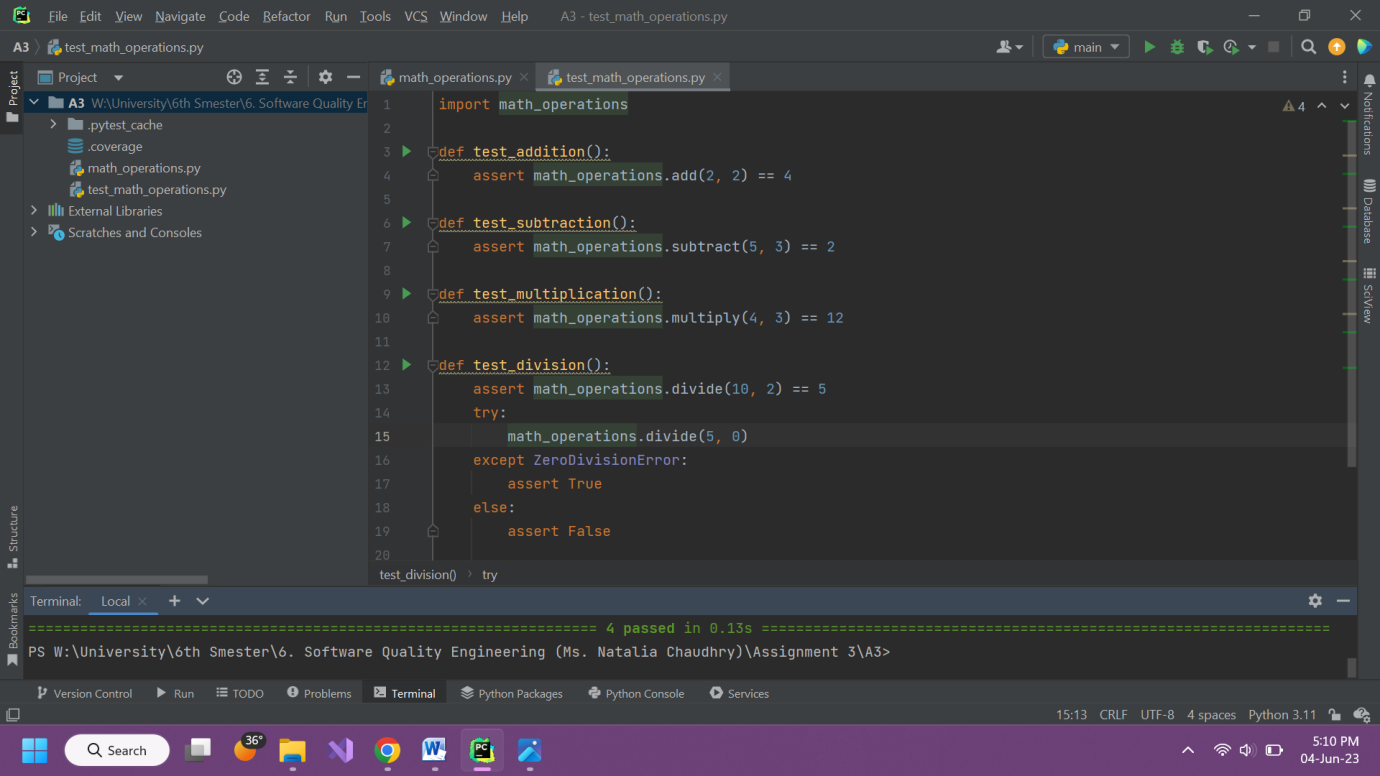
**Results:**

To run Pytest-cov on this code use command **pytest --cov=.** (**.** Represent current directory, we can also use file name)

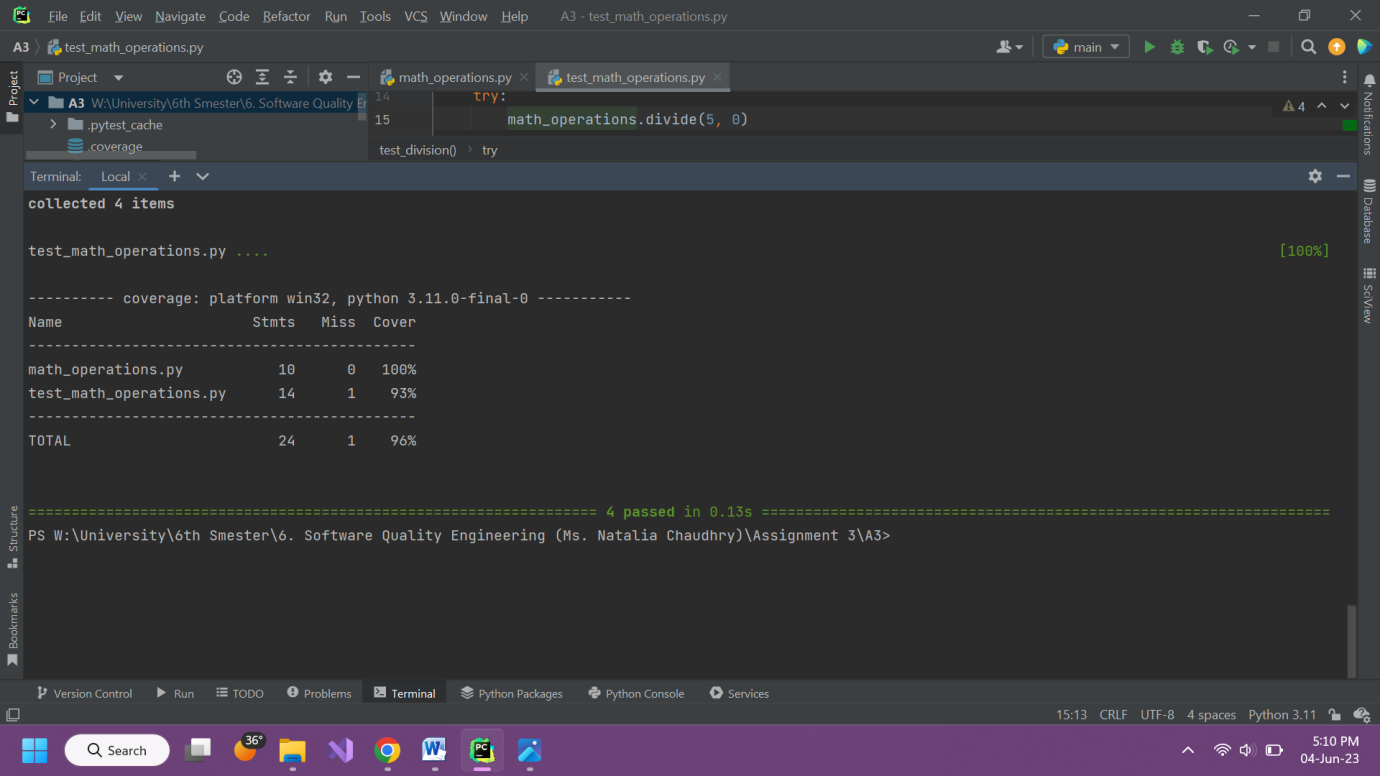
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**After Zero Division Error Correction:**

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**Results:**

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