
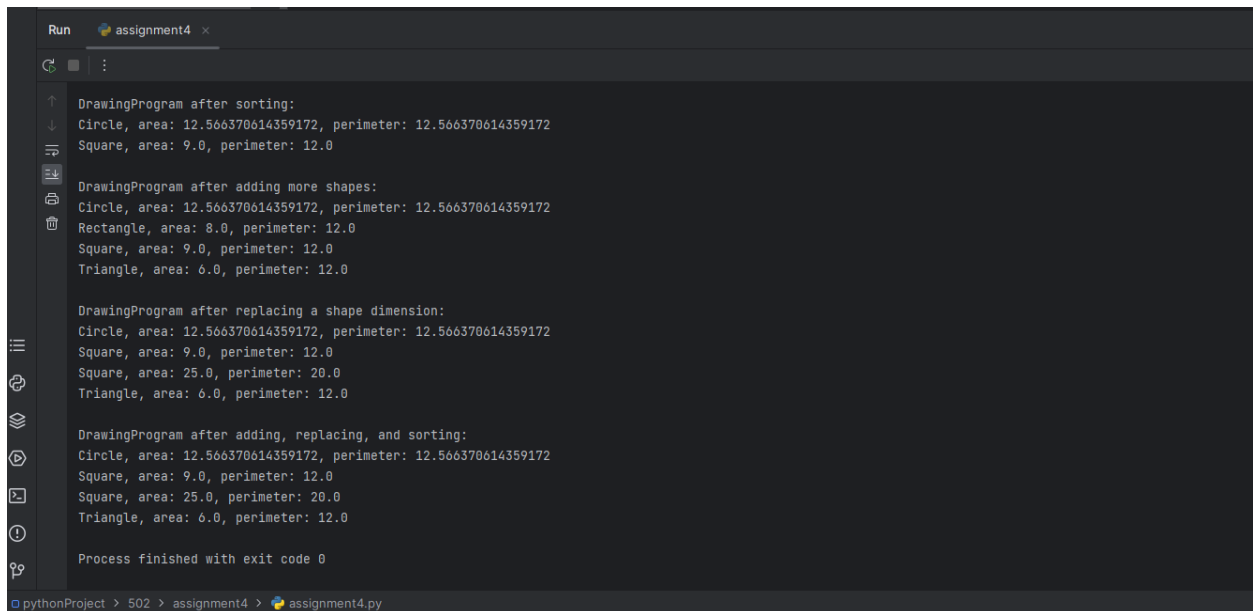


- Output capture from running your unit tests
  - screen captures are ok that show your tests passed



The screenshot shows the PyCharm Run window for a Python test file named `assign4unittest.py`. The window title is "Run Python tests in assign4unittest.py". The "Test Results" tab is active, showing a green checkmark and the text "Tests passed: 14 of 14 tests - 3ms". Below this, the command line is displayed: `C:\Users\missy\PycharmProjects\pythonProject\venv\scripts\python.exe "C:/Program Files/JetBrains/PyCharm 2023.2.1/plugins/python/helpers/pycharm/_jb_unittest_runner.py" --path C:\Users\missy\PycharmProjects\pythonProject\502\assignment4\assign4unittest.py`. The output shows "Testing started at 4:01 PM ..." and "Launching unittests with arguments python -m unittest C:\Users\missy\PycharmProjects\pythonProject\502\assignment4\assign4unittest.py in C:\Users\missy\PycharmProjects\pythonProject\502\assignment4". The test results are summarized as "Ran 14 tests in 0.008s" and "OK". The process finished with exit code 0. The status bar at the bottom indicates the file path `pythonProject > 502 > assignment4 > assign4unittest.py` and the Python version `Python 3.9 (pythonProject)`.

- Output capture from running your DrawingProgramMain



The screenshot shows the PyCharm Run window for a Python file named `assignment4.py`. The window title is "Run assignment4". The output is displayed in a text area, showing the results of the `DrawingProgram` after various operations. The output is as follows:

```
DrawingProgram after sorting:
Circle, area: 12.566370614359172, perimeter: 12.566370614359172
Square, area: 9.0, perimeter: 12.0

DrawingProgram after adding more shapes:
Circle, area: 12.566370614359172, perimeter: 12.566370614359172
Rectangle, area: 8.0, perimeter: 12.0
Square, area: 9.0, perimeter: 12.0
Triangle, area: 6.0, perimeter: 12.0

DrawingProgram after replacing a shape dimension:
Circle, area: 12.566370614359172, perimeter: 12.566370614359172
Square, area: 9.0, perimeter: 12.0
Square, area: 25.0, perimeter: 20.0
Triangle, area: 6.0, perimeter: 12.0

DrawingProgram after adding, replacing, and sorting:
Circle, area: 12.566370614359172, perimeter: 12.566370614359172
Square, area: 9.0, perimeter: 12.0
Square, area: 25.0, perimeter: 20.0
Triangle, area: 6.0, perimeter: 12.0

Process finished with exit code 0
```

The status bar at the bottom indicates the file path `pythonProject > 502 > assignment4 > assignment4.py`.