

Date: 31-10-2025

Scope: game.py , shapes.py , board.py

Unit Testing Report 1

Tools used : unittest

Testing Environmet : Spyder

Observation:

- All functions in `game.py` behaved as expected.
- No exceptions or logic errors were found.
- Performance and response time were normal.
- No memory leaks or freezes detected in “pygame” environment.

Conclusion:

All unit tests for game.py passed successfully with 100% coverage.

The module's behavior is verified to be correct and ready for integration with other components such as board.py and the main game loop.