

✔ **Congratulations! You passed!**

Grade received **100%** To pass 80% or higher

Go to next item

1. Which is NOT a key reason to test Python code?

1 / 1 point

- ☐ Validate intended functionality
- ☐ Automate finding bugs
- ☒ Document implementation details
- ☐ Improve maintainability



Correct. While testing validates behavior, it does not focus on documenting implementation details.

2. What convention helps testing tools discover test files?

1 / 1 point

- ☒ Prefix test file names with "test_"
- ☐ Place tests in "tests" folder
- ☐ Inherit test classes from unittest.TestCase
- ☐ Use plain assert statements



Correct. Prefixing test files with "test_" enables auto-discovery of tests.

3. Which best describes the purpose of assertions in tests?

1 / 1 point

- ☐ Print log statements
- ☒ Compare actual vs expected results
- ☐ Handle exceptions
- ☐ Import test libraries



Correct. Assertions allow comparing actual outputs vs expected outputs.

4. What type of test focuses on isolated units of code?

1 / 1 point

- ☒ Unit test
- ☐ Integration test
- ☐ GUI test
- ☐ System test



Correct. Unit tests focus on specific functions, classes, or modules in isolation.

5. Which best describes the pytest testing framework?

1 / 1 point

- ☐ Comes built-in with Python
- ☐ Replaces the built-in unittest module
- ☒ Simplifies writing test functions
- ☐ Only allows testing classes



Correct. Pytest simplifies writing test functions compared to unittest.