Test Description

* Using: unittest — Unit testing framework¶
* https://docs.python.org/3/library/unittest.html
* Source code: Lib/unittest/\_\_init\_\_.py
* Check out Pict (Pairwise Independent Combinatorial Testing)

# General information

test fixture (preparation and clean-up)

A test fixture represents the preparation needed to perform one or more tests, and any associated clean-up actions. This may involve, for example, creating temporary or proxy databases, directories, or starting a server process.

test case (individual unit of testing)

A test case is the individual unit of testing. It checks for a specific response to a particular set of inputs. unittest provides a base class, TestCase, which may be used to create new test cases.

test suite (aggregate tests to modules)

A test suite is a collection of test cases, test suites, or both. It is used to aggregate tests that should be executed together.

test runner (execution of tests and provides the outcome)

A test runner is a component, which orchestrates the execution of tests and provides the outcome to the user. The runner may use a graphical interface, a textual interface, or return a special value to indicate the results of executing the tests.