

Quiz 16 – MiniTest

1. What is MiniTest?

(This was discussed in lecture “Intro to Testing”)

- a. A lightweight web framework for Ruby.
- b. A small version of Ruby optimized for mobile devices.
- c. A testing library that provides a complete suite for testing facilities.
- d. A tool for minifying Ruby scripts.

Correct Answer: Option c – A testing library that provides a complete suite for testing facilities.

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Good job!

Option d – Incorrect answer. Please try again.

2. How do you create a basic test class using MiniTest?

(This was discussed in lecture “Intro to Testing”)

- a. `class SampleTest < MiniTest::Unit`
- b. `class SampleTest < MiniTest`
- c. `class SampleTest < MiniTest::Test`
- d. `class SampleTest < MiniTest::UnitTest`

Correct Answer: Option c – `class SampleTest < MiniTest::Test`

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Good job!

Option d – Incorrect answer. Please try again.

3. What method does MiniTest automatically run before each test method in your test suite?

(This was discussed in lecture “The setup and teardown Methods”)

- a. `before_test`
- b. `pre_test`
- c. `init_test`
- d. `setup`

Correct Answer: Option d - `setup`

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

Option d – Good job!

4. Which method does MiniTest automatically run after each test method in your test suite?

(This was discussed in lecture “The setup and teardown Methods”)

- a. `teardown`
- b. `cleanup`
- c. `after`

d. post_test

Correct Answer: Option a – teardown

Explanation:

Option a – Good job!

Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

Option d – Incorrect answer. Please try again.

5. Which MiniTest assertion checks if two values are equal?

(This was discussed in lecture “Intro to Testing”)

a. assert_equals

b. assert_equal

c. assert_same

d. test_equal

Correct Answer: Option b – assert_equal

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Good job!

Option c – Incorrect answer. Please try again.

Option d – Incorrect answer. Please try again.

6. Which MiniTest assertion checks if a collection includes a particular element?

(This was discussed in lecture “Assert Inclusion”)

a. assert_has

b. assert_contains

c. assert_includes

d. check_contains

Correct Answer: Option c – assert_includes

Explanation:

Option a – Incorrect answer. Please try again.

Option b – Incorrect answer. Please try again.

Option c – Good job!

Option d – Incorrect answer. Please try again.

7. What MiniTest assertion checks that a block of code raises an error?

a. assert_raises

b. assert_error

c. assert_exception

d. check_error

Correct Answer: Option a – assert_raises

Explanation:

Option a – Good job!

Option b – Incorrect answer. Please try again.

Option c – Incorrect answer. Please try again.

Option d – Incorrect answer. Please try again.

