What is a Unit-Test?

Check all correct responses, more then one can be correct.

Tests a single piece of functionality ⃝

Is written by the developer ⃝

Should be run only after big changes to avoid performance issues ⃝

Should not depend on any other, external resource ⃝

Tests the functionality of the whole code ⃝

Should be run with every change of the code ⃝

Which scenario is a Unit-Test?

Check all scenarios which are likely to be a Unit-Test.

Read and write to an database ⃝

Testing the distance-function of a point to another point ⃝

Testing whether the sort() function of your list sorts the list ⃝

Sending an http-request to an api ⃝

Testing whether a constructor fails for null-values ⃝

Checking if an config-file is successfully read ⃝

Which color will a test with a failed assert have?

Write the name of the color in the box.

Which of the following are possible asserts?

Check the correct asserts.

assertEquals() ⃝

assertWrong() ⃝

assertTrue() ⃝

assertThrowsException() ⃝

assertRight() ⃝

How many asserts should be used in a Unit-Test?

Write the number inside the given box.

Which is the correct order?

Order the given terms. Write the digits “1”,”2” and “3” inside the box. The sequence starts with “1”.

Assert

Arrange

Act

Which description matches the given term?

Draw a line between the matching description and the term.

Is a Combination of the other two terms

Stub

Fake

Mock

Provides behavior and is read only

Accepts behavior/actions and is write only

Give an example of good naming for a Test Function.

Write the name of the function in the field below.

Which workflow describes?

Draw a line between the matching description and the term.

write interface -> write tests -> write code

Normal Workflow

Test First Workflow

write tests -> write interface -> write code

write code -> extract interface -> write tests

How is Test Driven Development thought to be done?

Bring in correct order write the digits 1 to 5 into the boxes. The sequence is starting with the digit “1”.

Clean up the class until it looks nice, but keep the tests as-is

Write code to pass the test

Pick an item from the To Do List

Repeat

Write a non-passing test

How much background knowledge did you have with testing coming to the workshop?

Check one of the circles above the digits. The knowledge level is the highest with the digit “10”.

○ ○ ○ ○ ○ ○ ○ ○ ○ ○

1 2 3 4 5 6 7 8 9 10

And what about general coding knowledge?

○ ○ ○ ○ ○ ○ ○ ○ ○ ○

1 2 3 4 5 6 7 8 9 10

Do you have personal interest in the topic?

Check one box.

Yes □ No □

Strongly Agree Agree Neutral Diasgree Strongly Disagree

The workshop was well structured ○ ○ ○ ○ ○

The workshop was fun to attend ○ ○ ○ ○ ○

The workshop was to long ○ ○ ○ ○ ○

The workshop was hard to follow ○ ○ ○ ○ ○

Testing is a tough topic for a workshop ○ ○ ○ ○ ○

The workshop helped me to understand testing better ○ ○ ○ ○ ○

I would attend a workshop for another topic again ○ ○ ○ ○ ○

Some more information to get a few more possible viewing angles on the workshop results:

How old are you?

Please write the number below.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

In which year did you start doing your studies?

Please write the year below.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Gender?

Please check one box below.

○ ○ ○

Male Female Others

Thank you for attending the Workshop :).