Answer Submitted.
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NPTEL (https://swayam.gov.in/explorer?ncCode=NPTEL) » Software Testing (course)

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Week 1 : Assignment 1 (Non Graded)

Your last recorded submission was on 2022-10-13, 19:39 IST
Note : This assignment is only for practice purpose and it will not be counted towards the Final score

Course outline

How does an NPTEL online course work? ()

Pre-requisite Assignment ()

Week 1 ()

● Lecture 1 - Motivation (unit? unit=17&lesson=18)

○ Lecture 2 - Terminologies (unit? unit=17&lesson=19)

○ Lecture 3 - Testing based on Models and Criteria (unit? unit=17&lesson=20)

○ Lecture 4 - Automation - JUnit as an example (unit? unit=17&lesson=21)

1) Which of the following best defines a test case as per the lectures?   **1 point**

○ A test case contains inputs to software.

◉ A test case contains inputs and expected outputs to software.

○ A test case contains inputs to software, which is run and the actual output is also recorded as a part of the test case.

○ A test case contains inputs and a decision on pass or fail.

Yes, the answer is correct.
Score: 1

Accepted Answers:
A test case contains inputs and expected outputs to software.

2) Which of the following represents usability testing?   **1 point**

○ Testing done by an user of the software.

○ Testing done to see if the software is usable in the sense that it meets its functionality.

◉ Testing done to evaluate the software's user interface and its design.

○ Testing done to see if the software is fast enough to be usable.

Yes, the answer is correct.
Score: 1

Accepted Answers:
Testing done to evaluate the software's user interface and its design.

3) When do we say that a set of test cases T satisfies test requirements TR for a   **1 point**
coverage criterion C.

○ For every test requirement $tr \in TR$, there is exactly one test case $t \in T$ such that t
satisfies tr.

○ For some test requirement $tr \in TR$, there is some test case t such that $t \in T$ such that t
satisfies tr.

◉ For some test requirement $tr \in TR$, all the test cases $t \in T$ are such that t satisfies tr.

○ For every test requirement $tr \in TR$, there is at least one test case $t \in T$ such that t
satisfies tr.

No, the answer is incorrect.
Score: 0
Accepted Answers:
For every test requirement tr ∈ TR, there is at least one test case t ∈ T such that t satisfies tr.

4) What does the JUnit assertion `assertFalse(val1 > val2)` return when   **1 point**
`val1` is greater than `val2`?

◉ True.

○ False.

No, the answer is incorrect.
Score: 0
Accepted Answers:
False.

5) In which of the levels of testing, do testers use testing to show errors in software?   **1 point**

○ Level 3.

◉ Level 4.

No, the answer is incorrect.
Score: 0
Accepted Answers:
Level 3.

Check Answers and Submit

Your score is: 2/5

Books ()