# Software Tester First Learning

To be completed at sign up

* Answer the following 3 multiple choice questions.
* The training coordinator will check your answers.
* Before the next visit do the exercise shown below.
* Make sure you save your work for uploading when your e-portfolio is active.

## Questions

1:

Which of the following statements is a valid objective for testing?

1. To determine whether enough component tests were executed within system testing.
2. To find as many failures as possible so that defects can be identified and corrected.
3. To prove that all possible defects are identified.
4. To prove that any remaining defects will not cause any failures.

2:

Which one of the statements below describes a failure discovered during testing or in production?

1. The product crashed when the user selected an option in a dialog box.
2. The wrong version of one source code file was included in the build.
3. The computation algorithm used the wrong input variables.
4. The developer misinterpreted the requirement for the algorithm.

3:

The design of a newspaper subscriptions system is being reviewed. The expected system users are:

* Subscribers
* Technical support team
* Billing department
* Database administrator

Each type of user logs into the system through a different login interface (e.g. subscribers login via a web page; technical support via an application). Different reviewers were requested to review the system’s login flow from the perspective of the above user categories.

Which of the following review comments is MOST LIKELY to have been made by all reviewers?

1. The login page on the web is cluttered with too much advertisement space. As a result, it is hard to find the "forgot password?" link.
2. The login to access the billing information should also allow access to subscribers’ information and not force a second login session.
3. After logging-in to the database application, there is no log-out function.
4. The log in flow is un-intuitive since it requires entering the password first, before the username can be keyed-in.

## Exercise

Research and write short descriptions in your own words of the following types of tests:

* Unit test
* System test
* Usability test
* Regression test

Make sure you identify who is responsible, the objectives and the timing of each type