Assignment 12

Due on 2016-12-03, 19:00 EST.

As a test of the final exam, you are required to classify the following code segment into its class. For the following code segment, classify it into one of the following:

- String
- Integer
- Double
- Boolean
- Other

5. Which of the following is the objective of the simulation testing techniques?

- A. To check the correctness of the program
- B. To test the performance of the program
- C. To test the efficiency of the program
- D. To test the stability of the program

6. Among the following testing techniques, which one is the following: 'stochastic testing'?

- A. White-box testing
- B. Black-box testing
- C. Gray-box testing
- D. Regression testing

7. Which one of the following is considered as an essential criterion for a systematic test plan?

- A. The test case is written by a different person from the one who wrote the program
- B. The test case is executed on a different platform from the one used for development
- C. The test case is executed by a different person from the one who wrote the test case
- D. The test case is executed with different hardware and software configurations

8. What would be the systematic complexity of the following program?

- A. Linear complexity
- B. Logarithmic complexity
- C. Polynomial complexity
- D. Exponential complexity

9. Non-functional requirements are tested through which of the following levels of testing?

- A. Unit testing
- B. Integration testing
- C. System testing
- D. Acceptance testing

10. Which of the following test strategies, if test data is not a test case, is used to create the test data?

- A. Boundary value testing
- B. Equivalence class partitioning
- C. Random testing
- D. Decision table testing