Đã bắt đầu vào lúc	Thứ sáu, 5 Tháng năm 2023, 1:26 PM
Tình trạng	Đã hoàn thành
Hoàn thành vào lúc	Thứ sáu, 5 Tháng năm 2023, 1:37 PM
Thời gian thực hiện	10 phút 30 giây
Điểm	**7,00** của 10,00 (**70**%)

Câu hỏi 1

Không chính xác

Điểm 0,00 của 1,00

How to do "Think globally, program locally"?

Chọn một:

- ○ a.   Make all members as local as possible.
- ◉ b.   Only allow accessing to attributes through more public accessor functions if required. ✖
- ○ c.   Make all members as invisible as possible.
- ○ d.   All of the other answers are correct.

Câu trả lời đúng là: All of the other answers are correct.

Câu hỏi 2

Chính xác

Điểm 1,00 của 1,00

What are good practice in handling exceptions?

Chọn một:

- ◉ a.   Catch only those exceptions that you know how to handle. ✔
- ○ b.   Don't need to be reasonable about exceptions callers must handle.
- ○ c.   All of the other answers are correct.
- ○ d.   Substitute the use of exceptions for issue that will be the subject of testing.

Câu trả lời đúng là: Catch only those exceptions that you know how to handle.

Câu hỏi 3

Không chính xác

Điểm 0,00 của 1,00

In the Java programming language, which of the following naming convention is suggested to be used?

Chọn một:

○ a.   All of the other answers are correct.

◉ b.   A variable name starts by a lowercase character and joins initialized words (camelCase), for example 'queryResult'. ✖

○ c.   A method name starts by a lowercase character and joins initialized words (camelCase), for example 'getListOfStudent(Course course)'

○ d.   An attribute name starts by an underscore character, for example '_numberOfCredit'.

Câu trả lời đúng là: All of the other answers are correct.

Câu hỏi 4

Không chính xác

Điểm 0,00 của 1,00

Suppose that we are developing a factorial function (n!) that has no definition for negative input (n<0), which of the following of handling exceptions is reasonable?

Chọn một:

◉ a.   Throw an exception about it anyway. ✖

○ b.   All of the other answers are correct.

○ c.   Only throw an exception for negative input if it is defined on the function specification.

○ d.   Print the system standard output a message when n is negative.

Câu trả lời đúng là: Only throw an exception for negative input if it is defined on the function specification.

Câu hỏi 5

Chính xác

Điểm 1,00 của 1,00

How to do "Enforce intentions"?

Chọn một:

◉ a.   All of the other answers are correct. ✔

○ b.   Use qualifiers such as final and abstract etc. to enforce intentions.

○ c.   If your code is intended to be used in particular ways only, write it so that the code cannot be used in any other way.

○ d.   If a member is not intended to be used by other functions, enforce this by making it private or protected etc.

Câu trả lời đúng là: All of the other answers are correct.

Câu hỏi 6

Chính xác

Điểm 1,00 của 1,00

Which of the following is acceptable in initializing attributes of a class?

Chọn một:

○ a. No need to initialize when most of the programming languages initialize attribute automatically.

◉ b. Always initialize attributes. ✔

○ c. Only initialize object (of a class) attributes.

○ d. All of the other answers acceptable.

Câu trả lời đúng là: Always initialize attributes.

Câu hỏi 7

Chính xác

Điểm 1,00 của 1,00

Which of the following is correct in implementation?

Chọn một:

○ a. All of the other answers are correct.

○ b. JavaDoc tags are only in comments and have to be counted in the number of lines of code (LOC) of a program.

◉ c. Using JavaDoc tags (such as @return, @see, ...) in commenting the code is a very good way in generating technical document   ✔
        about classes and their methods using JavaDoc tool.

○ d. JavaDoc tags are user defined tags as long as they are preceded by '@' (for example, a user may use '@facebook' as a new JavaDoc
        tag)

Câu trả lời đúng là: Using JavaDoc tags (such as @return, @see, ...) in commenting the code is a very good way in generating technical
document about classes and their methods using JavaDoc tool.

Câu hỏi 8

Chính xác

Điểm 1,00 của 1,00

Suppose that we are developing a class of common attributes of the software, which of the followings is acceptable?

Chọn một:

○ a. Make all members visible.

○ b. Make all members statics.

○ c. All of the other answers are correct.

◉ d. Make all members invisible and provide public accessor functions to them. ✔

Câu trả lời đúng là: Make all members invisible and provide public accessor functions to them.

Câu hỏi 9

Chính xác

Điểm 1,00 của 1,00

Suppose that we are creating a class that have a method to collect data from all workstations, which of the followings is a good name of the method?

Chọn một:

- ○ a.   collectDataFromWorkstation. ✔
- ○ b.   collectingDataFromWorkstation.
- ○ c.   CollectingDataFromWorkstation.
- ○ d.   All from the other answers are excellent names.

Câu trả lời đúng là: collectDataFromWorkstation.

Câu hỏi 10

Chính xác

Điểm 1,00 của 1,00

What are benefits of early code integration?

Chọn một:

- ○ a.   Build and integrate modules after modules that use them.
- ○ b.   Exercising key risky parts of the application as early as possible. ✔
- ○ c.   All of the other answers are correct.
- ○ d.   Make the full version early to the customer.

Câu trả lời đúng là: Exercising key risky parts of the application as early as possible.