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 E-mail: moodle@na.edu



**NORTH AMERICAN
UNIVERSITY**
INSPIRATION INNOVATION GLOBAL COMPETENCE



Geraldo Braho ▾



Dashboard > My courses > COMP > COMP 3320.Programming Languages.2017SPR.s1 > 3 April - 9 April > Homework 10

Started on	Thursday, 6 April 2017, 1:17 AM
State	Finished
Completed on	Thursday, 6 April 2017, 1:26 AM
Time taken	8 mins 27 secs
Marks	4.00/5.00
Grade	80.00 out of 100.00

Question 1

Correct

Mark 1.00 out of 1.00

Which one is a pure Object Oriented Language?

Select one:

- ☒ a. Smalltalk ✓
- ☐ b. Lisp
- ☐ c. C++
- ☐ d. Java

Your answer is correct.

The correct answer is: Smalltalk

Question 2

Correct

Mark 1.00 out of 1.00

The entire collection of methods of an object is called its _____.

Select one:

- ☐ a. inheritance
- ☐ b. encapsulation
- ☐ c. message interface
- ☒ d.
message protocol



Your answer is correct.

The correct answers are:

message protocol
, message interface

Question 3

Incorrect

Mark 0.00 out of 1.00

```
class base_class {  
    private:  
        int a;  
        float x;  
    protected:  
        int b;  
        float y;  
    public:  
        int c;  
        float z;  
};  
class subclass_1 : private base_class { ... };
```

Which one is correct for subclass_1 variables?

Select one:

- ☐ a. all are private
- ☒ b. b,y are protected; c,z are public ✖
- ☐ c. all are protected
- ☐ d.
b,y are private; c,z are protected

Your answer is incorrect.

The correct answer is: all are private

Question 4

Correct

Mark 1.00 out of 1.00

Calls to methods are called messages.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

Question 5

Correct

Mark 1.00 out of 1.00

```
class base_class {  
    private:  
        int a;  
        float x;  
    protected:  
        int b;  
        float y;  
    public:  
        int c;  
        float z;  
};  
class subclass_1 : public base_class { ... };
```

Which one is correct for subclass_1 variables?

Select one:

- ☐ a. all are protected
- ☐ b. all are public
- ☒ c. b,y are protected; c,z are public ✓
- ☐ d.
b,y are private; c,z are protected

Your answer is correct.

The correct answer is: b,y are protected; c,z are public