


---

 <http://www.na.edu>



 E-mail: [moodle@na.edu](mailto:moodle@na.edu)

---



**NORTH AMERICAN  
UNIVERSITY**  
INSPIRATION INNOVATION GLOBAL COMPETENCE



**Islam Kamilov** ▾



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

<b>Started on</b>	Tuesday, 4 April 2017, 11:18 AM
<b>State</b>	Finished
<b>Completed on</b>	Tuesday, 4 April 2017, 11:21 AM
<b>Time taken</b>	3 mins 7 secs
<b>Marks</b>	5.00/5.00
<b>Grade</b>	<b>100.00</b> out of 100.00

**Question 1**

Correct

Mark 1.00 out of 1.00

Which one is not a way that a child can differ from its parent?

Select one:

- ☐ a. The subclass can add variables and/or methods to those inherited from the parent
- ☒ b. The subclass can inherit only selected methods of its parent. ✓
- ☐ c. The subclass can modify the behavior of one or more of its inherited methods.
- ☐ d. The parent class can define some of its variables or methods to have private access, which means they will not be visible in the subclass

Your answer is correct.

The correct answer is: The subclass can inherit only selected methods of its parent.

**Question 2**

Correct

Mark 1.00 out of 1.00

Match the following:

Subprograms that define operations on objects  
are called

methods



The class from which another class inherits

parent class or superclass



A class that inherits

derived class or a subclass



Class instances

objects



Your answer is correct.

The correct answer is: Subprograms that define operations on objects are called → methods, The class from which another class inherits → parent class or superclass, A class that inherits → derived class or a subclass, Class instances → objects

**Question 3**

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. b,y are protected; c,z are public ✓
- ☐ c. all 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

**Question 4**

Correct

Mark 1.00 out of 1.00

Which one is a pure Object Oriented Language?

Select one:

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

Your answer is correct.

The correct answer is: Smalltalk

**Question 5**

Correct

Mark 1.00 out of 1.00

Calls to methods are called messages.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.