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

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

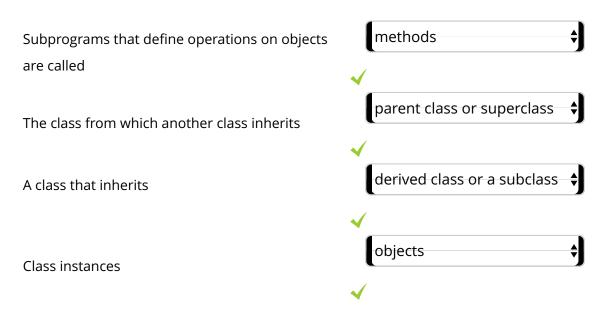
- a. The subclass can add variables and/or methods to those inherited from the parent
- b. The subclass can inherit only selected methods of its parent. ✓
- c. The subclass can modify the behavior of one or more of its inherited methods.
- d. The parent class can define some of its variables or methods 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:



Your answer is correct.

The correct answer is: Subprograms that define operations on objects are called \rightarrow methods, The class from which another class inherits \rightarrow 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 🗸
 (0)
      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	
O b. Lisp	
o c. Smalltalk ✓	
O 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 ✓	
O False	
The correct answer is 'True'.	