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141)
```
11. public interface A111 {
12. String s = "yo";
13. public void method1();
14. }
17. interface B { }
20. interface C extends A111, B {
21. public void method1();
22. public void method1(int x);
23. }
```
What is the result?

1) **Compilation succeeds.**

2) **Compilation fails due to multiple errors.**

3) **Compilation fails due to an error only on line 20.**

4) **Compilation fails due to an error only on line 21.**

5) **Compilation fails due to an error only on line 22.**

6) **Compilation fails due to an error only on line 12.**

Your Selected options	::	**none**	✖
Correct Options	::	**1**	

Click Here for Explanation

142) **Which two statements are true about has-a and is-a relationships? (Choose two.)**

1) **Inheritance represents an is-a relationship.**

2) **Inheritance represents a has-a relationship.**

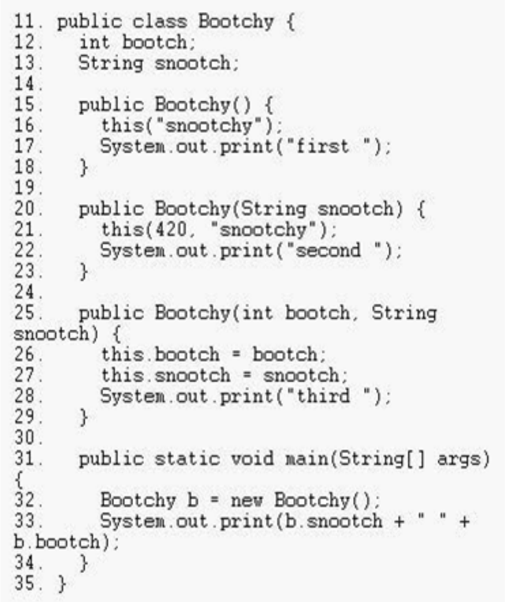
3) **Interfaces must be used when creating a has-a relationship.**

4) **Instance variables can be used when creating a has-a relationship.**

Your Selected options	::	**none**	✖
Correct Options	::	**1, 4**	

Click Here for Explanation

143) **Click the Exhibit button.**
What is the result?



```
public class Bootchy {
  int bootch;
  String snootch;

  public Bootchy() {
    this("snootchy");
    System.out.print("first ");
  }

  public Bootchy(String snootch) {
    this(420, "snootchy");
    System.out.print("second ");
  }

  public Bootchy(int bootch, String
snootch) {
    this.bootch = bootch;
    this.snootch = snootch;
    System.out.print("third ");
  }

  public static void main(String[] args)
{
    Bootchy b = new Bootchy();
    System.out.print(b.snootch + " " +
b.bootch);
  }
}
```

1) **snootchy 420 third second first**

2) **snootchy 420 first second third**

3) **first second third snootchy 420**

4) **third second first snootchy 420**

5) **third first second snootchy 420**

6) **first second first third snootchy 420**

Your Selected options :: none ✖

Correct Options :: 4

Click Here for Explanation

144) **Given:**
1. public class Team extends java.util.LinkedList {
2. public void addPlayer(Player p) {
3. add(p);
4. }
5. public void compete(Team opponent) { /* more code here */ }
6. }
7. class Player { /* more code here */ }
Which two are true? (Choose two.)

1) **This code will compile.**

2) **This code demonstrates proper design of an is-a relationship.**

3) **This code demonstrates proper design of a has-a relationship.**

4) **A Java programmer using the Team class could remove Player objects from a Team object.**

Your Selected options :: none ✖

Correct Options :: 1, 4

Click Here for Explanation

145) **Which four statements are true? (Choose four.)**

1) **Has-a relationships should never be encapsulated.**

2) **Has-a relationships should be implemented using inheritance.**

3) **Has-a relationships can be implemented using instance variables.**

4) **Is-a relationships can be implemented using the extends keyword.**

5) **Is-a relationships can be implemented using the implements keyword.**

6) **The relationship between Movie and Actress is an example of an is-a relationship.**

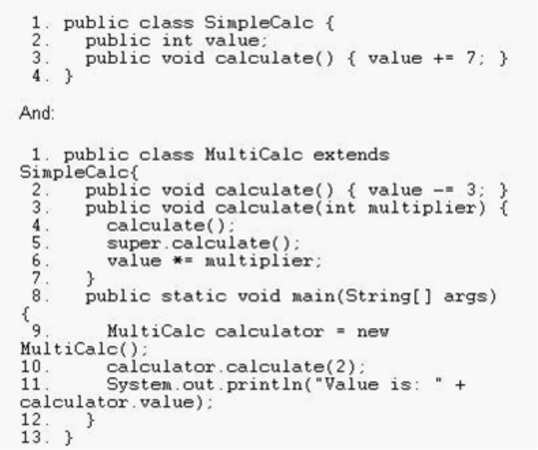
7) **An array or a collection can be used to implement a one-to-many has-a relationship.**

Your Selected options :: none ✖

Correct Options :: **3, 4, 5, 7**

Click Here for Explanation

146) **Click the Exhibit button.**
What is the result?



```
public class SimpleCalc {
  public int value;
  public void calculate() { value += 7; }
}
```

And:

```
public class MultiCalc extends SimpleCalc{
  public void calculate() { value -= 3; }
  public void calculate(int multiplier) {
    calculate();
    super.calculate();
    value *= multiplier;
  }
  public static void main(String[] args) {
    MultiCalc calculator = new MultiCalc();
    calculator.calculate(2);
    System.out.println("Value is: " + calculator.value);
  }
}
```

1) **Value is: 8**

2) **Compilation fails.**

3) **Value is: 12**

4) **Value is: -12**

5) **The code runs with no output.**

6) **An exception is thrown at runtime.**

Your Selected options :: **none** ✖

Correct Options :: **1**

Click Here for Explanation

147) **Given:**
10. interface Foo { int bar(); }
11. public class Sprite {
12. public int fubar(Foo foo) { return foo.bar(); }
13. public void testFoo() {
14. fubar(
15. // insert code here
16.);
17. }
18. }
Which code, inserted at line 15, allows the class Sprite to compile?

1) **Foo { public int bar() { return 1; }**

2) **new Foo { public int bar() { return 1; }**

3) **new Foo() { public int bar() { return 1; }**

4) **new class Foo { public int bar() { return 1; }**

Your Selected options :: **none** ✖

Correct Options :: **3**

Click Here for Explanation

148) **Which two statements are true? (Choose two.)**

1) **An encapsulated, public class promotes re-use.**

2) **Classes that share the same interface are always tightly encapsulated.**

3) **An encapsulated class allows subclasses to overload methods, but does NOT allow overriding methods.**

4) **An encapsulated class allows a programmer to change an implementation without affecting outside code.**

Your Selected options :: none ✖

Correct Options :: 1, 4

Click Here for Explanation

149) **Given:**

```
10. class One {
11. public One foo() { return this; }
12. }
13. class Two extends One {
14. public One foo() { return this; }
15. }
16. class Three extends Two {
17. // insert method here
18. }
```

Which two methods, inserted individually, correctly complete the Three class? (Choose two.)

1) **public void foo() {}**

2) **public int foo() { return 3; }**

3) **public Two foo() { return this; }**

4) **public One foo() { return this; }**

5) **public Object foo() { return this; }**

Your Selected options :: none ✖

Correct Options :: 3, 4

Click Here for Explanation

150) **Given:**

```
1. class Super {
2. private int a;
3. protected Super(int a) { this.a = a; }
4. }
...
11. class Sub extends Super {
12. public Sub(int a) { super(a); }
13. public Sub() { this.a = 5; }
14. }
```

Which two, independently, will allow Sub to compile? (Choose two.)

1) **Change line 2 to: public int a;**

2) **Change line 2 to : protected int a;**

3) **Change line 13 to : public Sub() { this(5); }**

4) **Change line 13 to : public Sub() { super(5); }**

5) **Change line 13 to : public Sub() { super(a); }**

Your Selected options :: none ✖

Correct Options :: 3, 4

Click Here for Explanation

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Total No.of Questions	::	292
Total No.of Answered Questions	::	0
Total No.of Unanswered Questions	::	292
Marks	::	0/292(0%)

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