Kent Kraus Courses@CS CS Department csX Lab Faculty Office Hours Course Archives CS6312: Program Construction II [S18] Home ► My courses ► Spring 2018 ► CS6312 [S18] [N] ► Inheritance (2) ► Q03 Started on Saturday, February 3, 2018, 8:06 PM QUIZ NAVIGATION State Finished



public boolean equals(A a) { return this.x == a.x;// Program 2: public class Test { public static void main(String[] args) { Aa1 = new A();Aa2 = new A();System.out.println(a1.equals(a2)); class A { int x; public boolean equals(A a) { return this.x == a.x;Select one: a. Program 1 displays false and Program 2 displays true b. Program 1 displays true and Program 2 displays true c. Program 1 displays true and Program 2 displays false d. Program 1 displays false and Program 2 displays false

Question 7

1.00 points out of

Flag question

1.00 points out of

1.00

Correct

1.00

Analyze the following code:

b. The code is fine.

a. The code has a runtime error.

c. The code has a compile error.

Circle c = new Circle (5);

a. true 🗸

Cylinder c = cy;

Select one:

```
Question 8
                      What is the output of the following code?
Correct
                     public class Test {
1.00 points out of
                        public static void main(String[] args) {
1.00
                         String s1 = new String("Java");
                         String s2 = new String("Java");
Flag question
                          System.out.print((s1 == s2) + "" + (s1.equals(s2)));
                            a. false false
                            b. true false
                             c. true true
                             d. false true <
Question 9
                      Every class has a toString() method and an equals() method.
Correct
                      Select one:
```

```
b. false
Flag question
Question 10
                   Which of the following statements are true?
Correct
                    Select one or more:
1.00 points out of

 a. Dynamic binding can apply to instance methods.

1.00
                          b. The compiler finds a matching method according to parameter type, number of parameters, and order
Flag question
                        of the parameters at compilation time. <
                          c. You can always pass an instance of a subclass to a parameter of its superclass type. This feature is
                        known as polymorphism. <
                          d. A method may be implemented in several subclasses. The Java Virtual Machine dynamically binds the
                       implementation of the method at runtime.
                          e. Dynamic binding can apply to static methods.
```