1) What gets printed by the following program?

```java
public class Quiz1 {
    public static void main(String args[]) {
        int a = 20, b = 30, c = 40;
        String petName = "Luca";

        // This is our first quiz
        // printing: "character strings go in double quotes"
        // watch out for print vs. println and count the \"s carefully
        System.out.println("Howdy, " + petName + ", are you a "
                + "cat or a dog?");

        System.out.println("Here are some numbers: ");
        System.out.println(" a = " + a + " b = " + b + " c = " + c);
        System.out.print ("Are cats into \\
Java\?");
        System.out.print ("Are dogs into \\
Java\?");
        System.out.println ("Who \ncares?\nREALLY?");

        System.out.println();
        c = a;
        a = b;
        b = 100;
        System.out.println("Here are the new values: ");
        System.out.println(" a = " + a + " b = " + b + " c = " + c);
    }
}
```

**Output**
1) What gets printed by the following program?

```java
public class Quiz1 {
    public static void main(String args[]) {
        int a = 2, b = 2, c = 3;
        String petName = "Rover";

        // This is our first quiz
        // printing: "character strings go in double quotes"
        // watch out for print vs. println and count the \\
        // "s carefully
        System.out.println("Howdy, " + petName + ", are you a "
                         + "cat or a dog?");

        System.out.print("Here are some numbers: ");
        System.out.println(" a = " + a + " b = " + b + " c = " + c);
        System.out.println("Are cats into \Java\?");
        System.out.println("Are dogs into \Java\?");
        System.out.println("Who \ncares\nREALLY?");

        System.out.println();
        c = a;
        a = b;
        b = 100;
        System.out.println("Here are the new values: ");
        System.out.println(" a = " + a + " b = " + b + " c = " + c);
    }
}
```

*Output*