1) What gets printed by the following program?

```java
public class Quiz1
{
    public static void main(String args[])
    {
        int a = 1, b = 2, c = 3;
        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.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 = 400;
        System.out.println("Here are the new values: ");
        System.out.println(" a = " + a + " b = " + b + " c = " + c);
    }
}
```

**Output**

Howdy, Luca, are you a cat or a dog?
Here are some numbers:
a = 1 b = 2 c = 3
Are cats into \Java\?Are dogs into \Java\?Who cares?
REALLY?

Here are the new values:
a = 2 b = 400 c = 1
1) What gets printed by the following program?

```java
public class Quiz1 {
    public static void main(String args[]) {
        int a = 2, b = 3, c = 4;
        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.println("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();
        a = c;
        c = b;
        a = 100;
        System.out.println("Here are the new values: ");
        System.out.println(" a = " + a + " b = " + b + " c = " + c);
    }
}
```

**Output**

Howdy, Rover, are you a cat or a dog?
Here are some numbers:  a = 2  b = 3  c = 4
Are cats into \Java\?
Are dogs into \Java\?Who cares?
REALLY?

Here are the new values:
  a = 100  b = 3  c = 3