1) What gets printed by the following program?

```java
// Guess what this does
public class Quiz1
{
    public static void main(String args[])
    {
        int x = 1;
        int a = 2;
        int b = 3;
        x = a;
        a = b;
        String mood = "happy";
        // "imho Quiz 1 is easy"
        // printing: "character strings go in double quotes"
        // watch out for print vs. println!
        System.out.println(" Welcome to your \nfirst \"quiz experience\"!");
        System.out.println(" x = " + x + " a = " + a + " b = " + b);
        System.out.println(" This is a " + mood + " " + mood + " day!");
    }
}
```

**Output**

2) Categorize each of the following errors as leading to a compile-time error (mark as “syntax”), runtime error (mark as “runtime”), or possibly a logical error (mark as “logic”).

- Type “man” instead of “main”
- Forget to put a blank to separate words, eg:
  
  ```java
  System.out.println ("this" + "and" + "that");
  
  ```
- Forget the semicolon at the end of one of the statements
Quiz 1 1/27/14 Name:__________________________ ___/20

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class Quiz1 {  
  public static void main(String args[]) {  
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    int a = x;
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    // "imho Quiz 1 is easy"
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    // watch out for print vs. println!
    System.out.print(" Welcome to your first quiz experience\"");
    System.out.println(" x = " + x + " a = " + a + " b = " + b);
    System.out.println(" This is a " + mood + mood + mood + " day!");
  }
}

Output

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• Forget to put a blank to separate words, eg:
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• Forget the semicolon at the end of one of the statements

• Type “man” instead of “main”