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
1) What gets printed by the following program?

// Guess what this does
public class Quiz1
{
    public static void main(String args[])
    {
        int x = 1;
        int a = 2;
        int b = x;
        a = b;
        b = 4;

        String mood = "happy";

        // "imho Quiz 1 is easy"
        // printing: "character strings go in double quotes"
        // 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 + " day!");
    }
}

Output

2) Which of the following are valid Java identifiers?

- answer
- class
- x12345y
- last name
- MAIN