1. What gets printed by the following program?

```java
public class Quiz2 {
    public static void main(String args[]) {
        int a, b;
        a = 3;
        b = 4;

        int c = a;
        a = b;
        b = 5;
        b = c;

        System.out.println("a = " + a);
        System.out.println("b = " + b);
        System.out.println("c = " + c);
    }
}
```

**Output**

```
a = 4
b = 3
c = 3
```

2. For each of the following expressions, indicate the order in which the operators will be evaluated by writing a number beneath each operator.

   a) \( a + b / c * d \)
      
      ```
      3 1 2
      ```

   b) \( a \% b / c * d \)
      
      ```
      1 2 3
      ```

   c) \( (a + b) - c * (d - e) \)
      
      ```
      1 4 3 2
      ```

   d) \( a + b * c / (d \% e) \)
      
      ```
      4 2 3 1
      ```
1. What gets printed by the following program?

```java
public class Quiz2 {
    public static void main(String args[]) {
        int a, b;
        a = 5;
        b = 3;
        int c = a;
        a = b;
        b = 5;
        b = c;
        System.out.println("a = " + a);
        System.out.println("b = " + b);
        System.out.println("c = " + c);
    }
}
```

Output

```
a = 3  
b = 5  
c = 5
```

2. For each of the following expressions, indicate the order in which the operators will be evaluated by writing a number beneath each operator.

a) \( a - b / c + d \)
   
   \[2\ 1\ 3\]

b) \( a \% b \% c \% d \)
   
   \[1\ 2\ 3\]

c) \( a + (b - c) * d - e \)
   
   \[3\ 1\ 2\ 4\]

d) \( (a + b) * (c / d) \% e \)
   
   \[1\ 3\ 2\ 4\]