

Name:

ID:

Serial:

Quiz 2 (a Gift for Help Session Attendees!)

Q1. Answer the following short answer questions

a) What is the output produced by the following lines of code?

```
1. int value1 = 5;
   int value2 = 7;
   int result = 0;
   result = value1++ * value2--;
   System.out.println("Result 1: " + result);
   result = ++value1 * --value2;
   System.out.println("Result 2: " + result);
```

```
2. public static void main(String[] args){
   int x = 5;
   System.out.println("The value of x is:" + x);
   while(x > 0){
       x++;
   }
   System.out.println("The value of x is:" + x);
}
```

b) Write **ONE** Java statement to display your first and last name on two separate lines.

c) Evaluate the following Boolean equations (true, false, or error):

1. `!((6 < 5) && (4 < 3))`
2. `((1/0)==1) || ((3-2)==1)`
3. `(9>2) || ((2/(3-3)) == 0)`
4. `(1>=2) & (3/(5-(2+3))>0)`

Q2. Solve only one of the following:

- a) Write a complete Java program that prompts the user for a series of numbers to determine the **smallest** value entered. Before the program terminates, display the smallest value.
- b) Write a complete Java program that uses **ONE for** loop to compute the sum of the even numbers and the sum of the odd numbers between 1 and 25.

~ Good Luck! ~