```java
import java.util.Scanner;

public class E63 {

    public static void main(String[] args) {
        //Scans in numbers for input
        Scanner scan = new Scanner (System.in);

        //Declare and initialize local variables
        int input = 0;
        int largest = -999999;
        int smallest = 999999;
        int even = 0;
        int odd = 0;
        int sum = 0;
        int previous = 999999;
        String total = "";
        String adjacent = "";

        //Scan in input/Declare Sentinel
        System.out.println("Enter a sequence of integers (enter 'STOP' to end): ");

        while (scan.hasNextInt()) {
            input = scan.nextInt();

            //Tests for duplicates
            if (input == previous) {
                adjacent += input + " ";
            }

            //Tests for largest & smallest inputs
            largest = Math.max(largest, input);
            smallest = Math.min(smallest, input);

            //Tests for even & odd inputs
            if (input % 2 == 0) {
                even++;
            }
            else {
                odd++;
            }
            //Tests for totals
            sum += input;
            total += sum + " ";
            previous = input;

        }

        //Print out all values
        System.out.println("Largest input: " + largest);
        System.out.println("Smallest input: " + smallest);
        System.out.println("Number of even inputs: " + even);
        System.out.println("Number of odd inputs: " + odd);
        System.out.println("Cumulative totals: " + total);

        //Tests for duplicates
        if (adjacent != "") {
```

```
58              System.out.printf("Adjacent duplicates: " + adjacent);
59          }
60          else {
61              System.out.println("There are no adjacent duplicates.");
62          }
63      }
64  }
65
```