NEW YORK CITY COLLEGE OF TECHNOLOGY

LAB 3

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Code:

**package** NumberStat;

**import** java.util.Scanner;

**import** lab3.NumberStats;

**public** **class** NumberStat {

 **public** **static** **void** main(String[] args) {

 Scanner input = **new** Scanner(System.***in***);

 **int** value = 0; // This will do the job for us

 **int** firstnumber = 0; // This will show the first number entered

 **int** lastnumber = 0; // This will show the last number entered

 **int** count = 0;// It will count

 **int** minimum = 0; // This will show the minimum number entered

 **int** maximum = 0; // It will show the maximum number entered

 **int** totalsum = 0; // It will add the numbers entered

 **double** average = 0 ; // It will show the average

 **while** (**true**)

 {

 System.***out***.print("Input Number, type 0 to get result: ");

 value = input.nextInt();

 totalsum += value;

 **if** (value >= maximum){

 maximum = value;

 }

 **if**( value == 0 ) **break**;

 **if** (value == minimum ){

 minimum = value;

 lastnumber = value;

 }

 count++;

 **if**(count==1){

 firstnumber=value;

 minimum = value;

 }

 **if** (count>0){

 lastnumber = value;

 }

 }

 System.***out***.printf("First Number entered = %d\n", firstnumber);

 System.***out***.printf("Last Number entered = %d\n", lastnumber);

 System.***out***.printf("Count = %d\n", count);

 System.***out***.printf("Maximum = %d\n", maximum);

 System.***out***.printf("Minimum = %d\n", minimum);

 System.***out***.printf("Average = %d\n", totalsum/count);

 System.***out***.printf("Total Sum = %d\n", totalsum);

 NumberStats mystats1 = **new** NumberStats();

 NumberStats mystats2 = **new** NumberStats();

 NumberStats mystats3 = **new** NumberStats();

 NumberStats mystats4 = **new** NumberStats();

 NumberStats mystats5 = **new** NumberStats();

 NumberStats mystats6 = **new** NumberStats();

 NumberStats mystats7 = **new** NumberStats();

 NumberStats mystats8 = **new** NumberStats();

 System.***out***.printf("%s\n" , mystats1.getmaximum());

 System.***out***.printf("%s\n" , mystats2.getminimun());

 System.***out***.printf("%s\n" , mystats3.getaverage());

 System.***out***.printf("%s\n" , mystats4.getlastnumber());

 System.***out***.printf("%s\n" , mystats5.getfirstnumber());

 System.***out***.printf("%s\n" , mystats6.getvalue());

 System.***out***.printf("%s\n" , mystats7.gettotalsum());

 System.***out***.printf("%s\n" , mystats8.getcount());

 }

}

**SnapShot:**

**Result:**

