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**Batch: :S2 RMCA-B**

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**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 23**

**Aim**

Find the average of N positive integers, raising a user defined exception for each negative input.

**Procedure**

import java.util.\*;

class MyException extends Exception{

public MyException(String value){

super(value);

}

}

class Main{

public static void main(String args[])

{

int totalNums,i,count=0,sum=0,temp;

Scanner sc=new Scanner(System.in);

System.out.println("Total numbers");

totalNums=Integer.parseInt(sc.nextLine());

for(i=0;i<totalNums;i++)

{

try

{

temp=Integer.parseInt(sc.nextLine());

if(temp > 0){

sum+=temp;

count+=1;

}

else

{

throw new MyException(Integer.toString(temp));

}

}

catch(MyException ex){

System.out.print(ex.getMessage());

System.out.println("- Not Positive number");

}

}

System.out.print("Count:");

System.out.println(count);

System.out.print("Sum:");

System.out.println(sum);

System.out.print("Average:");

System.out.println(sum/count);

}

}

**Output Screenshot**

