**Name: VYSHNAV SURESH**

**Roll No:56**

**Batch:MCA-B**

**Date:31-05-2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 20**

**Aim**

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

input.

**Procedure**

import java.util.Scanner;

import java.util.InputMismatchException;

class CO44 {

public static void main(String[] args) {

float sum = 0, avg;

System.out.println("Please enter number of integers");

Scanner sc1 = new Scanner(System.in);

int counter = sc1.nextInt();

if (counter <= 0) {

throw new InputMismatchException("N must be positive");

} else {

System.out.println("Please enter " + counter + " numbers");

}

for (int i = 0; i < counter; i++) {

int inputnum = sc1.nextInt();

if (inputnum <= 0) {

throw new InputMismatchException("Please enter again");

}

sum = sum + inputnum;

System.out.println();

}

avg = sum / counter;

System.out.println("the average is " + avg);

}

}

**Output Screenshot**





