**Name: Vijay vishnu p b**

**Roll No:49**

**Batch:mca b**

**Date:31-05-2022**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 19**

**Aim**

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

**Procedure**

import negative.\*;

import java.util.Scanner;

public class averagenumber {

public static void main(String[] args) {

double sum = 0;

Scanner sc = new Scanner(System.in);

System.out.println("Count of numbers");

int N = sc.nextInt();

int[] numbers = new int[N];

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

System.out.println("Enter the number");

numbers[i] = sc.nextInt();

}

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

try {

if (numbers[i] >= 0) {

sum += numbers[i];

} else {

throw new negative\_exception("Negative number : " +numbers[i]);

}

}

catch (negative\_exception e){

System.out.println(e.getMessage());

}

}

double avg = sum/N;

System.out.println("Average of Positive Numbers ="+avg);

}

}

package negative;

public class negative\_exception extends Exception{

public negative\_exception(String s){

super(s);

}

}

**Output Screenshot**

