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**Roll No:51**

**Batch: R-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("Enter the limit:");

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());

}

}

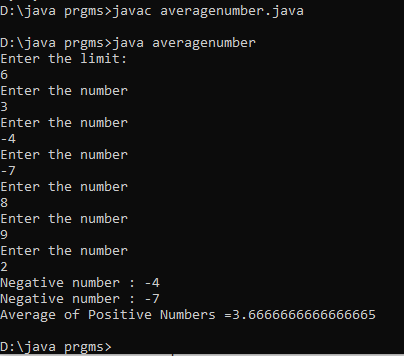
double avg = sum/N;

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

}

}

**Output Screenshot**

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