import java.util.Arrays;

import java.util.Scanner;

public class SumAverage {

public static void main(String[] args) {

String num1, num2, num3, num4, num5;

int n1, n2, n3, n4, n5, sum, max, max1, max2, max3, min, min1, min2, min

3, middle, Median;

double dbln1, dbln2, dbln3, dbln4, dbln5, average;

System.out.println("Enter Five Numbers :");

Scanner keyboard = new Scanner(System.in);

num1 = keyboard.next();

num2 = keyboard.next();

num3 = keyboard.next();

num4 = keyboard.next();

num5 = keyboard.next();

dbln1 = Double.parseDouble(num1);

n1 = Integer.parseInt(num1);

dbln2 = Double.parseDouble(num2);

n2 = Integer.parseInt(num2);

dbln3 = Double.parseDouble(num3);

n3 = Integer.parseInt(num3);

dbln4 = Double.parseDouble(num4);

n4 = Integer.parseInt(num4);

dbln5 = Double.parseDouble(num5);

n5 = Integer.parseInt(num5);

sum = n1+ n2+ n3+ n4+ n5;

average = (dbln1+ dbln2+ dbln3+ dbln4+ dbln5)/5;

max1 = Math.max(n1, n2);

max2 = Math.max(n3, n4);

max3 = Math.max(max1,max2);

max = Math.max(max3, n5);

min1 = Math.min(n1, n2);

min2 = Math.min(n3, n4);

min3 = Math.min(min1,min2);

min = Math.min(min3, n5);

int list[] = {n1, n2, n3, n4, n5};

Arrays.sort(list);

middle = (list.length/2);

Median = list[middle];

System.out.println("The sum is: " + sum + "\nThe average is: " + average

+ "\nMax: " + max + "\nMin: " + min + "\nMedian: " + Median);

keyboard.close();

}

}

Code for Value of Expression:

public class ValuofEx {

public static void main(String[] args) {

int A,B,D,F;

double C, G, H;

String E;

A = 1/2;

B = 1%2;

C = 1.0/2;

D = 5+7/2;

E = ("Beat" + ' ' + "Army");

F = 6 + 13 / 5 - 35 % 3;

G = 3.5 \* (5/4);

H = (3.5 \* 5)/4;

System.out.println(A+"\n"+B+"\n"+C+"\n"+D+"\n"+E+"\n"+F+"\n"+G+"\n"+H );

}

}