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**Code:**

**Mean:**

package math; public class Meanop

{

public void mean(int a,int b, int c)

{

int sum=0; int len = 3; sum = a+b+c;

float mea= sum/len;

System.out.println("the mean is "+mea);

}

}

**Median:**

package math;

public class Medianop{ public void median()

{

int n=5;

double a[]=new double[n]; a[0]=10;

a[1]=20;

a[2]=80;

a[3]=40;

a[4]=50;

double m=0; if(n%2==1)

{

}

else

{

}

m=a[(n+1)/2-1];

m=(a[n/2-1]+a[n/2])/2;

System.out.println("Median :"+m);

}

}

**Average:**

package math;

public class Averageop{ public void average()

{

int n=5;

double a[]=new double[n]; a[0]=10;

a[1]=20;

a[2]=30;

a[3]=40;

a[4]=50;

double sum = a[0]+a[1]+a[2]+a[3]+a[4]; double avg = sum/5;

System.out.println("Average is :"+avg);

}

}

**Standard Deviation:**

package math;

public class Standardop{ public void deviation()

{

double sum = 0.0;

double standardDeviation = 0.0; double mean = 0.0;

double res = 0.0; double sq = 0.0;

int[] arr = { 12, 32, 11, 55, 10, 23, 14, 30 };

int n = arr.length; System.out.println("Elements are:"); for (int i = 0; i < n; i++) { System.out.println(arr[i]);

}

for (int i = 0; i < n; i++) { sum = sum + arr[i];

}

mean = sum / (n);

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

standardDeviation = standardDeviation + Math.pow((arr[i] - mean), 2);

}

sq = standardDeviation / n; res = Math.sqrt(sq);

System.out.println("Standard Daviation is = "+res);

}

}

**Convert Decimal to Binary:**

package math.convert; public class DtoB{

public void convertt(int n)

{

int[] binaryNum = new int[1000]; int i = 0;

while (n > 0)

{

binaryNum[i] = n % 2; n = n / 2;

i++;

}

for (int j = i - 1; j >= 0; j--) System.out.print("Binary no is:"binaryNum[j]); System.out.println("");

}

}

**Convert Decimal to Octal:** package math.convert; public class DtoO{

public void convert(int n)

{

int[] octalNum = new int[100]; int i = 0;

while (n != 0) { octalNum[i] = n % 8; n = n / 8;

i++;

}

for (int j = i - 1; j >= 0; j--)

System.out.print(octalNum[j]); System.out.println("");

}

}

**Convert Decimal to Hex:**

package math.convert; public class DtoH{

public void converttt(int n)

{

int[] hexNum = new int[100]; int i = 0;

while (n != 0) { hexNum[i] = n % 16; n = n / 16;

i++;

}

for (int j = i - 1; j >= 0; j--) { if (hexNum[j] > 9)

System.out.print((char)(55 + hexNum[j]));

else

}

}

}

System.out.print(hexNum[j]); System.out.println("");

**Main:**

import math.Meanop; import math.Medianop; import math.Averageop;

import math.Standardop;

import math.convert.DtoO; import math.convert.DtoB; import math.convert.DtoH; class exp

{

public static void main(String args[])

{

Meanop a = new Meanop(); a.mean(5,7,5);

Medianop b = new Medianop(); b.median();

Averageop c = new Averageop(); c.average();

Standardop d = new Standardop(); d.deviation();

DtoO e = new DtoO(); e.convert(31);

DtoB f = new DtoB(); f.convertt(30);

DtoH h = new DtoH(); h.converttt(23);

}

}

**Output:**

