1

import java.util.Scanner;

public class one{

public static double sumMajorDiagonal(double[][] m ){

int i,j;

double sum=0;

for(i=0;i<m.length;i++){

for(j=0;j<m.length;j++){

if(i==j){

sum+=m[i][j];

}

}

}

return sum;

}

public static void main (String[] args) {

Scanner in =new Scanner(System.in);

double a[][] = new double[4][4];

for(int i = 0;i<4;i++){

for(int j = 0;j<4;j++){

a[i][j]=in.nextDouble();

}

}

System.out.println("对角线的元素和是"+sumMajorDiagonal(a));

}

}

2

import java.util.Scanner;

public class two{

public static double average(double[] array){

double sum=0;

for(int i=0;i<array.length;i++){

sum +=array[i];

}

return sum/array.length;

}

public static void main (String[] args) {

Scanner in=new Scanner(System.in);

double array[]=new double[6];

for(int i=0;i<array.length;i++){

array[i]=in.nextDouble();

}

System.out.println(average(array));

}

}

3

import java.util.Scanner;

public class three{

public static void main (String[] args) {

Scanner in=new Scanner(System.in);

int n=in.nextInt();

int g,b;

g=n%10;

b=n/100;

if(g==b)

{

System.out.println(n+"是一个回文数");

}

else

{

System.out.println(n+"不是一个回文数");

}

}

}

4

import java.util.Scanner;

public class four{

public static double[][] addMatrix(double[][] a, double[][] b){

double c[][]= new double[3][3];

for(int i=0;i<3;i++){

for(int j=0;j<3;j++){

c[i][j]=a[i][j]+b[i][j];

}

}

return c;

}

public static void main (String[] args) {

Scanner in=new Scanner(System.in);

double a[][] = {{1,2,3},{4,5,6},{7,8,9}};

double b[][] = {{0,2,4},{1,4.5,2.2},{1.1,4.3,5.2}};

double c[][]=new double[3][3];

c= addMatrix(a,b);

for(int i=0;i<3;i++){

for(int j=0;j<3;j++){

System.out.print(c[i][j]);

}

System.out.print("\n");

}

}

}