

```

import java.util.Scanner;
public class Main{
    public static void main(String args[]){
        Scanner sc=new Scanner(System.in);
        System.out.println("n1=");
        int n1=sc.nextInt();
        System.out.println("Problema1");
        int b,d=0;
        double medie;{
            System.out.println("Numerele:");
        }
        for (b=1;b<=44;b++){
            d=d+b;
            if(d<1000){
                break;
            }
        }
        medie=d/b;
        System.out.println("Suma este:"+d);
        System.out.println("Medie="+medie);
        System.out.println("Problema2");
        int j=5;
        do{
            int i=1;
            do{
                System.out.printf("%2d",j);
                i++;
            }while(i<=j);
            System.out.println();
            j--;
        }while(j>=1);
        System.out.println("Problema3");
        double s1=0,s2=0,s=0;
        int i=1;
        while(i<=n1){
            s=s+i;
            s1+=Math.pow(i,3);
            s2=s2+Math.pow(s,2);
            i++;
        }
        System.out.println("s1="+s1+"\ns2="+s2);
        if(s1>s2){
            System.out.println("s1>s2");
        }else{
            if(s1<s2)
                System.out.println("s1<s2");
            else
                System.out.println("s1=s2");
        }
        sc.close();
    }
}

```