***Problema 1.***

import java.util.Scanner ;

public class HelloWorld{

public static void main(String []args){

Scanner s=new Scanner (System.in);

int sum=0, num=0;

while(sum<=1000){

sum+=s.nextInt();

num++;

}

System.out.println(1.0\*sum/num);

}

}

***Problema 2.***

import java.util.Scanner ;

public class HelloWorld{

public static void main(String []args){

for(int i=5;i>0;i--){

for(int g=i;g>0;g--){

System.out.println(i+" ");

}

System.out.println();

}

}

}

***Problema 3.***

import java.util.Scanner ;

public class HelloWorld{

public static void main(String []args){

Scanner s=new Scanner(System.in);

int n=s.nextInt();

double s1=0, s2 = 0;

for(int i=1;i<=n;i++){

s1+=Math.pow(i,3);

s2+=i;

}

s1+=Math.pow(s2,2);

if(s1>s2){

System.out.println("s1 este mai mare ca s2");

}

else if(s1<s2){

System.out.println("s2 este mai mare ca s1");

}

else if(s1==s2){

System.out.println("s1 este egal cu s2");

}

}

}