**Restanță 26 martie**

Ex 7 a) pag 97;

import java.util.Scanner ;

public class RestantaUnu

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt() ;

int s = 0 ;

int p = 1 ;

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

s=s+(2\*i-1);

p=p\*(2\*i-1);

}

System.out.println("suma="+s+" "+"produsul="+p);

}

}

import java.util.Scanner ;

public class Main

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt();

int s = 0;

int p = 1;

int i = 1;

while (i <= n) {

s = s + (2\*i-1);

p = p \* (2\*i-1);

i++;

}

System.out.println("suma="+ s +" "+"produsul="+ p);

}

}

Ex 7 b) pag 97;

import java.util.Scanner ;

public class RestantaUnu

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt() ;

int s = 0 ;

int p = 1 ;

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

s=s+(2\*i);

p=p\*(2\*i);

}

System.out.println("suma="+s+" "+"produsul="+p);

}

}

import java.util.Scanner ;

public class Main

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt();

int s = 0;

int p = 1;

int i = 1;

while (i <= n) {

s = s + (2\*i);

p = p \* (2\*i);

i++;

}

System.out.println("suma="+ s +" "+"produsul="+ p);

}

}

Ex 7 c) pag 97;

import java.util.Scanner ;

public class RestantaUnu

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt() ;

int s = 0 ;

int p = 1 ;

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

s=s+(3\*i);

p=p\*(3\*i);

}

System.out.println("suma="+s+" "+"produsul="+p);

}

}

import java.util.Scanner ;

public class Main

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt();

int s = 0;

int p = 1;

int i = 1;

while (i <= n) {

s = s + (3\*i);

p = p \* (3\*i);

i++;

}

System.out.println("suma="+ s +" "+"produsul="+ p);

}

}

Ex 7 d) pag 97;

import java.util.Scanner ;

public class RestantaUnu

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt() ;

int s = 0 ;

int p = 1 ;

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

s=s+(4\*i);

p=p\*(4\*i);

}

System.out.println("suma="+s+" "+"produsul="+p);

}

}

import java.util.Scanner ;

public class Main

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt();

int s = 0;

int p = 1;

int i = 1;

while (i <= n) {

s = s + (4\*i);

p = p \* (4\*i);

i++;

}

System.out.println("suma="+ s +" "+"produsul="+ p);

}

}

Ex 8 pag 97;

import java.util.Scanner ;

public class RestantaUnu

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt();

double s = 0 ;

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

if(i%2==0) {

s = s - (1d/i);

}

else {

s = s + (1d/i);

}

}

System.out.println("suma="+ s );

}

}

Problema din fișă ;

import java.util.Scanner ;

public class RestantaUnu

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt();

double s = 0 ;

double p = 1 ;

int i = 1 ;

while ( i <= n) {

s = s + i/(i+1d);

p = p \* i/(i+1d);

i++;

}

System.out.println("suma=" + s + "produsul=" + p);

}

}

**Restanță 16 aprilie**

Ex 1.

import java.util.Scanner ;

public class RestantaDoi

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt() ;

int i = 1 ;

int a ;

do {

if (i % 2 == 0)

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

i++ ;

} while (i<=n) ;

}

}

Ex 2.

import java.util.Scanner ;

import static java.lang.Math.sqrt;

public class RestantaDoi

{

public static void main(String[] args) {

Scanner nr = new Scanner (System.in) ;

int n = nr.nextInt() ;

int i = 1 ;

int a = 0 ;

do {

a = a + (int) Math.pow(i, 2.0) ;

i++ ;

} while (i<=n) ;

System.out.print("Suma nr. ridicate la patrat--->" + a) ;

}

}

Ex 3.

public class RestantaDoi

{

public static void main(String[] args) {

int i = 1 ;

int s = 0 ;

do {

s = s \* 10 + i;

System.out.printf("%5d",s ) ;

System.out.println() ;

i++ ;

} while (i<=5) ;

}

}