public class TestDrive {

public static void main(String[] args){

Calcule cal = new Calcule();

cal.Ex1();

cal.Ex2();

cal.Ex3();

}

}

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import java.util.Scanner;

public class Calcule{

Scanner sc = new Scanner(System.in);

//Exercitiul 1, Tema pe acasa

public void Ex1(){

System.out.print("Introduceti n: ");

int n = sc.nextInt();

double S = 0;

double S1 = 0;

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

S = S + i;

S1 = S1 + Math.sqrt(S);

}

System.out.println("Ex1.raspuns: " + S1);

}

//Exercitiul 2, Tema pe acasa

public void Ex2(){

double S = 0;

for(double i = 1; i <= 18; i++) {

S = (i / 10) + S;

}

System.out.println("Ex2.raspuns: " + S);

}

//Exercitiul 3, Tema pe acasa

public void Ex3(){

System.out.print("Introduceti dimensiunea sirului: ");

int sir = sc.nextInt();

int nr1 = 0;

int nr2 = 1;

System.out.print("Ex3.raspuns: ");

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

int SFib = nr1 + nr2;

nr1 = nr2;

nr2 = SFib;

System.out.print(nr1+" ");

}

}

}