*Ex1:*

*Ex2:* 0.1=0.2+..+1.8

*Ex3:* Fibonacci: 1,1,2,3,5,8,13,…

***Ex1.***

import java.util.Scanner;

public class For1 {

public static void main(String [] args) {

Scanner sc= new Scanner(System.in);

System.out.println("introduceti :");

int n= sc.nextInt();

sc.close();

double s=0;

double s1=0;

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

s1+=i;

s=s+Math.sqrt(s1);

}

System.out.println(s);

}

}

***Ex2.***

public class For2 {

public static void main(String [] args) {

double s=0;

for (double i=0.1; i<=1.8; i+=0.1) {

s+=i;

}

System.out.println(s);

}

}

***Ex3.***

import java.util.Scanner;

public class For3 {

public static void main(String[] args) {

Scanner sc= new Scanner(System.in);

System.out.println("introduceti :");

int m= sc.nextInt();

sc.close();

int i,n1=1,n2=1,n3;

System.out.print(n1+","+n2);

for (i=2;i<=m;++i) {

n3=n1+n2;

System.out.print(","+n3);

n1=n2;

n2=n3;

}}}

**Ex din clasa(1-…-):**

import java.util.Scanner;

public class For4 {

public static void main(String [] args) {

Scanner sc= new Scanner(System.in);

System.out.println("introduceti :");

int n= sc.nextInt();

sc.close();

double s=0;

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

if (i%2==0) {

s=s-(1/i);

}

else {

s=s+(1/i);

}

}

System.out.println(s);

}

}