Laborator\_instructiunirepetitive\_BA

Ex 1

**import** java.util.Scanner;

**public** **class** ies {

**public** **static** **void** main(String[]args) {

**double** i=1;

**double** sum=0;

Scanner citire= **new** Scanner(System.***in***);{

**int** n=citire.nextInt();

**while**(i<=n) {

sum+=i/((i+1)\*(i+2));

i++;

}

System.***out***.format("%.5f%n",sum);

}

}

}

Ex 2

**public** **class** Evaluare3 {

**public** **static** **void** main(String[]args) {

**int** i=1;

**int** a=1,b=2,c=3,d=4,e=5,f=5,g=6,h=7;

**do** {

System.***out***.println(a+""+b+c+d+e+f+g+h);

a++;

b++;

c++;

d++;

e++;

f++;

g++;

h++;

**if**(a==8)

a=1;

**if**(b==8)

b=1;

**if**(c==8)

c=1;

**if**(d==8)

d=1;

**if**(e==8)

e=1;

**if**(f==8)

f=1;

**if**(g==8)

g=1;

**if**(h==8)

h=1;

}

**while**(a<7);

}

}

Ex 3

**public** **class** Evaluare2 {

**public** **static** **void** main(String[]args) {

**double** sum=0;

**double** sum1=0;

**for**(**int** i=1;i<=6;i++) {

sum1=sum+i;

sum=1/sum;

i=i+2;

}

}

}

Ex 4

**import** java.util.Scanner;

**public** **class** Evaluare1 {

**public** **static** **void** main(String[]args) {

Scanner citire= **new** Scanner(System.***in***);{

System.***out***.println("introd nr de termeni");

**int** n=citire.nextInt();

**int** a=0;

**int** b=1;

**int** c;

**int** sum=1;

System.***out***.println("fibo este");

**for**(**int** i=0;i<n;i++) {

**if**(i<=1)

c=1;

**else** {

c=a+b;

sum=sum+c;

a=b;

b=c;

}

System.***out***.println(c);

}

System.***out***.println(sum);

}}}