Ultima problema

```java
import java.util.Scanner;
public class Test3 {
public static void main (String [] args)
{
     Scanner t= new Scanner ( System.in);
int n=t.nextInt();
     int i=n;
     int s=0;
    int s1=1/i;
do
{
    s1=1/(i+s1);
    if (i%2==0) {i--;}
    else {i=i-2;}


}while (i>1) ;
}

    }
```

Prima problema

```java
import java.util.Scanner;
public class Exemplul1  {
    public static void main (String [] args){

         double s=1;
        Scanner t = new Scanner(System.in);
        int n=t.nextInt();
        int i=2;
           while (i<=n)
           {
              if (i%2==0) {s-=1/i*i;
                          }
              else { s+=1/(Math.pow(i,2));}
              i++;
           }

        System.out.println (s);
    }

}
```

A doua problema

```java
public class Test2 {

    public static void main(String[] args) {
        final int j=3;
        int x;
        int i=1;
         for (; i<=10; i++) {
              x=j*i;
              System.out.format( " %3d", j);
              System.out.print(x);
              System.out.println(i+ " = "+ x);

         }

    }

}
```