```java
import java.util.Scanner;
public class HelloWorld {

        public static void main(String []args){
            Scanner tastatura = new Scanner (System.in);
            System.out.println("Introducem nr");
            int n=tastatura.nextInt();
            int s1=0;
            int p1=1;
            int q2=0;
            int w2=1;
            int z3=0;
            int x3=1;
            int y4=0;
            int u4=1;
            double k5 = 0;
            for(int i=1 ;i<=n; i++) {


            s1 = s1+(2*i-1);
            p1 = p1*(2*i-1);
            q2 = q2+(2*i);
            w2 = w2*(2*i);
            z3 = z3+(3*1);
            x3 = z3*(3*1);
            y4 = y4+(4*i);
            u4 = u4*(4*i);
            if(i%2==0) {
                k5 = k5-(1d/i);
                }
            else {
            k5 = k5+(1d/i);


            }

            System.out.println("s1="+s1);
            System.out.println("p1="+p1);
            System.out.println("q2="+q2);
            System.out.println("w2="+w2);
            System.out.println("z3="+z3);
            System.out.println("x3="+x3);
            System.out.println("y4="+y4);
            System.out.println("u4="+u4);
            System.out.println("k5="+k5);
while (i<=n) {
     s1 = s1+(2*i-1);
   p1 = p1*(2*i-1);
   q2 = q2+(2*i);
   w2 = w2*(2*i);
   z3 = z3+(3*1);
   x3 = z3*(3*1);
   y4 = y4+(4*i);
   u4 = u4*(4*i);
   if(i%2==0)  {


   k5 = k5-(1d/i);
}
   else {
      k5 = k5+(1d/i);
   }
```

```
        i++;
}

                tastatura.close();}
        }
}
```

Output;

```
Introducem nr
2
s1=1
p1=1
q2=2
w2=2
z3=3
x3=9
y4=4
u4=4
k5=1.0
s1=4
p1=3
q2=6
w2=8
z3=6
x3=18
y4=12
u4=32
k5=0.5
```