

Problema 7

```
import java.util.Scanner;
public class ex7 {
    public static void main(String [] args) {
        Scanner sc=new Scanner (System.in);
        int n=sc.nextInt();
        int s=0, p=1;
        for (int i=1; i<=n; i++) {
            s=(2*i-1)+s;
            p=(2*i-1)*p;
        }
        System.out.println(s);
        System.out.println(p);

        int s1=0, p1=1;
        for (int i=1; i<=n; i++) {
            s1=2*i+s1;
            p1=2*i*p1;
        }
        System.out.println(s1);
        System.out.println(p1);

        int s2=0, p2=1;
        for (int i=1; i<=n; i++) {
            s2=(3*i)+s2;
            p2=(3*i)*p2;
        }
        System.out.println(s2);
        System.out.println(p2);

        int s3=0, p3=1;
        for (int i=1; i<=n; i++) {
            s3=(4*i)+s3;
            p3=(4*i)*p3;
        }
        System.out.println(s3);
        System.out.println(p3);
    }
}
```

Problema 8

```
import java.util.Scanner;
public class ex8 {
    public static void main(String [] args) {
        Scanner sc=new Scanner (System.in);
        int n=sc.nextInt();
        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);
}
}

```

Problema fisa

```

package homework;
import java.util.Scanner ;
public class problemafisa {
    public static void main(String[]args){

        Scanner sc = new Scanner(System.in);
        double i=1;
        int n=sc.nextInt();
        double s=0;
        while (i<=n) {

            s =s+(i/(i+1));
            System.out.println(s);
            i++;

        }

    }
}

```