

## Problema 8

```
import java.util.Scanner;
public class problema8 {
    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-=1/i;
            }else {
                s+=1/i;
            }
        }
        System.out.println("s="+s);
    }
}
```

## Problema 7

```
import java.util.Scanner;
public class problema7 {

    public static void main(String[] args)

    {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        double s=0;
        double p=1;
        for(double i=1;i<=n;i++){
            s+=2*i-1;
            p*=2*i-1;
            System.out.println("s="+s+",p="+p);
        }
        for(double a=1;a<=n;a++){
            double s1=0;
            double p1=1;
            s1+=2*a;
            p1*=2*a;
            System.out.println("s="+s1+",p="+p1);
        }
        for(double b=1;b<=n;b++){
            double s2=0;
            double p2=1;
            s2+=3*b;
            p2*=3*b;
            System.out.println("s="+s2+",p="+p2);
        }
    }
}
```

```
    for(double z=1;z<=n;z++){
        double s3=0;
double p3=1;
        s3+=4*z;
        p3*=4*z;
        System.out.println("s="+s3+",p="+p3);
    }
}
```

## Problema 6

```
public class Problema6 {

    public static void main(String[] args)

    {
        int i;
        for(i='A';i<='Z';i++){
            System.out.println(i+" ");
        }
    }
}
```