

Problema 7

```
import java.util.Scanner;
public class Tema {
    public static void main(String []args) {
        java.util.Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int s1=0, s2=0, s3=0, s4=0;
        int p1=1, p2=1, p3=1, p4=1;
        int i=1;
        for(; i<=n; i++) {
            s1=s1+(2*i-1);
            p1=p1*(2*i-1);
            s2=s2+(2*i);
            p2=p2*(2*i);
            s3=s3+(3*i);
            p3=p3*(3*i);
            s4=s4+(4*i);
            p4=p4*(4*i);
        }
        System.out.println("suma1="+s1+", "+"produsul1="+p1);
        System.out.println("suma2="+s2+", "+"produsul2="+p2);
        System.out.println("suma3="+s3+", "+"produsul3="+p3);
        System.out.println("suma4="+s4+", "+"produsul4="+p4);
        while (i<=n) {
            s1=s1+(2*i-1);
            p1=p1*(2*i-1);
            s2=s2+(2*i);
            p2=p2*(2*i);
            s3=s3+(3*i);
            p3=p3*(3*i);
            s4=s4+(4*i);
            p4=p4*(4*i);
        }
        System.out.println("suma1="+s1+", "+"produsul1="+p1);
        System.out.println("suma2="+s2+", "+"produsul2="+p2);
        System.out.println("suma3="+s3+", "+"produsul3="+p3);
        System.out.println("suma4="+s4+", "+"produsul4="+p4);
        sc.close();
    }
}
```

Problema 8

```
import java.util.Scanner;
public class InstructiuneaFor {
    public static void main(String []args) {
        java.util.Scanner sc =new Scanner(System.in);
        int n= sc.nextInt();
        int i=1;
        double s=0;
        for(; i<=n; i++) {

            if(i%2==0) {
                s=s-(1d/i);
            }
        }
    }
}
```

```

        }
        else {
            s=s+(1d/i);
        }
        System.out.println("suma="+s);
    }
    while (i<=n) {

        if(i%2==0) {
            s=s-(1d/i);
        }
        else {
            s=s+(1d/i);
        }
        i++;
    }
    System.out.println("suma="+s);
    sc.close();
}
}

```

Problema din fisa

```

import java.util.Scanner;
public class TemaForWhile {
    public static void main(String[]args) {
        Scanner sc=new Scanner(System.in);
        double s=0;
        double p=1;
        double i=1;
        int n=sc.nextInt();
        for(; i<=n;i++)
        {
            s=s+i/(i+1);
            p=p*(i/(i+1));
        }
        System.out.println("suma="+s);
        System.out.println("produsul="+p);

        while(i<=n) {
            s=s+i/(i+1);
            p=p*(i/(i+1));
            i++;
        }
        System.out.println("suma="+s);
        System.out.println("produsul="+p);
        sc.close();
    }
}

```