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import java.util.Scanner;
public class Main{
    public static void main(String args[]){
        int n;
        Scanner sc=new Scanner(System.in);
        System.out.println("Exercitiul 7");
        System.out.println("n:");
        n=sc.nextInt();
        int s=0;
        int p=1;
        for (int i=1;i<=n;i++){
            s=s+(2*i-1);
            p=p*(2*i-1);
        }
        System.out.println("s="+s);
        System.out.println("p="+p);
        int su=0;
        int pr=1;
        for (int i=1;i<=n;i++){
            su=su+(2*i);
            pr=pr*(2*i);
        }
        System.out.println("su="+su);
        System.out.println("pr="+pr);
        int sum=0;
        int pro=1;
        for (int i=1;i<=n;i++){
            sum=sum+(3*i);
            pro=pro*(3*i);
        }
        System.out.println("sum="+sum);
        System.out.println("pro="+pro);
        int suma=0;
        int prod=1;
        for (int i=1;i<=n;i++){
            suma=suma+(4*i);
            prod=prod*(4*i);
        }
        System.out.println("suma="+suma);
        System.out.println("prod="+prod);
        System.out.println("Exercitiul 8");
        double a=0;
        for(double i=1;i<=n;i++){
            if(i%2==0)
                {a-=1/i;}
            else
                {a+=1/i;}
        }
        System.out.println("Suma primilor n termeni
        este:"+a);
        System.out.println("Exercitiul de pe fișă");
        —>
    }
}

```

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double b=0;
double c=1;
for(double i=1;i<=n;i++){
    b=b+i/(i+1);
    c=c*i/(i+1);
}

System.out.println("Suma este:"+b);

System.out.println("Produsul este:"+c);

System.out.println("Exercițiul de pe fișă cu while");
double d=0;
double e=1;
double i=1;
while (i<=3);
{
    d=d+i/(i+1);
    e=e*i/(i+1);
    i++;
}

System.out.println("Suma este:"+d);

System.out.println("Produsul este:"+e);

sc.close();
}
}

```

