

```

import java.util.Scanner;

class SALUT {

    public static void main(String[]args) {
        int s=0,p=1,i=2,s1=0,p1=0;
        Scanner eu=new Scanner(System.in);
        int n=eu.nextInt();
        while (i<=n) {
            s=s+(2*i);
            p=p*(2*i);
            i++;
        }
        int o=3;
        while(o<=n) {
            s1=s1*(3*o);
            p1=p1*(3*o);
            o++;
        }
        System.out.println(s);
        System.out.println(p);
        System.out.println(s1);
        System.out.println(p1);
    }
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        Scanner eu=new Scanner(System.in);
        int n=eu.nextInt();
        do {
            s=s+(2*i);
            p=p*(2*i);
            i++;
        }
        while(i<=n);
        int o=3;
        do {
            s1=s1*(3*o);
            p1=p1*(3*o);
            o++;
        }
        while(o<=n);
        System.out.println(s);
        System.out.println(p);
        System.out.println(s1);
        System.out.println(p1);
    }
}

```

}