

```
import java.util.*;
public class ex1 {
    public static void main (String[] args) {
        Scanner a=new Scanner(System.in); System.out.println("introduceti numarul n:");
        int n=a.nextInt();
        a.close();
        double suma=0;
        for(int i=1;i<=n;i++) {
            suma+=Math.sqrt(i);
        }
        System.out.println("suma este:"+suma);
    }
}
```

```
import java.util.*;
public class ex2 {
    public static void main (String[] args) {
        Scanner a=new Scanner(System.in); System.out.println("Introduceți numărul n:");
        int n=a.nextInt();
        a.close();
        double suma=0;
        double c=0;
        for(int i=1;i<=n;i++) {
            c+=i; suma+=i/c;
        }
        System.out.println("suma este:"+suma);
    }
}
```

```
import java.util.*;
public class ex3 {
    public static void main (String[] args) {
        Scanner a=new Scanner(System.in); System.out.println("Introduceti numarul n:");
        int n=a.nextInt();
        a.close();
        double sum=1;
        double i=1;
        double e=2;
        double b=0;
        while(true) {
            sum=sum*(e/i);
        }
    }
}
```

```
b++;  
if(b==n)  
break;  
i+=2;  
sum=sum*(e/i);  
b++;  
if(b==n)  
break;  
e=e+2;  
}  
System.out.println("Suma este:"+sum*2);  
}  
}
```