

Ex1:

```
import java.util.*;

public class Pr_1 {

    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);

    }

}
```

Ex2:

```
import java.util.*;

public class Pr_2 {

    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;
```

```

        double c=0;

        for(int i=1;i<=n;i++) {

            c+=i;

            suma+=i/c;}

        System.out.println("suma este:"+suma);

    }

}

```

Ex3:

```

import java.util.*;

public class Pr_3 {

    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);  
}  
}
```