

//Day 26 coding Statement : Write a program to calculate Maximum number of handshakes

```
package vowel;
```

```
import java.util.*;
```

```
public class Vowel {
```

```
    public static void main(String[] args) {
```

```
        Scanner sc=new Scanner(System.in);
```

```
        System.out.println("Enter number of persons::");
```

```
        int n=sc.nextInt();
```

```
        int sum=0;
```

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

```
            sum=sum+i;
```

```
        }
```

```
        System.out.println(sum);
```

```
    }}
```