

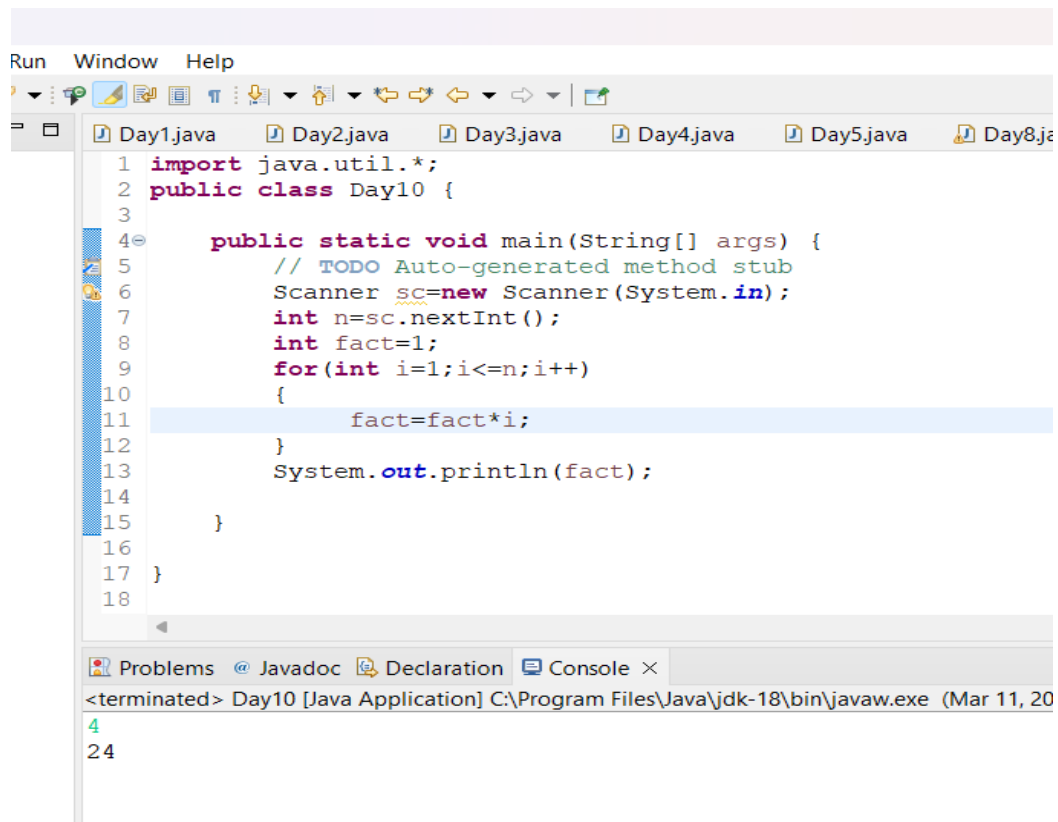
Day 10 coding Statement: Write a program to find Factorial of a number

Program:

```
import java.util.*;
public class Day10 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int fact=1;
        for(int i=1;i<=n;i++)
        {
            fact=fact*i;
        }
        System.out.println(fact);
    }
}
```

Output:



The screenshot shows an IDE window with a menu bar (Run, Window, Help) and a toolbar. The editor displays the Java code for finding a factorial, with line numbers 1 through 18 on the left. The code is as follows:

```
1 import java.util.*;
2 public class Day10 {
3
4     public static void main(String[] args) {
5         // TODO Auto-generated method stub
6         Scanner sc=new Scanner(System.in);
7         int n=sc.nextInt();
8         int fact=1;
9         for(int i=1;i<=n;i++)
10        {
11            fact=fact*i;
12        }
13        System.out.println(fact);
14    }
15 }
16
17 }
18
```

Below the editor, there is a tabbed interface with 'Problems', 'Javadoc', 'Declaration', and 'Console'. The 'Console' tab is active, showing the output of the program:

```
<terminated> Day10 [Java Application] C:\Program Files\Java\jdk-18\bin\javaw.exe (Mar 11, 2024)
4
24
```