

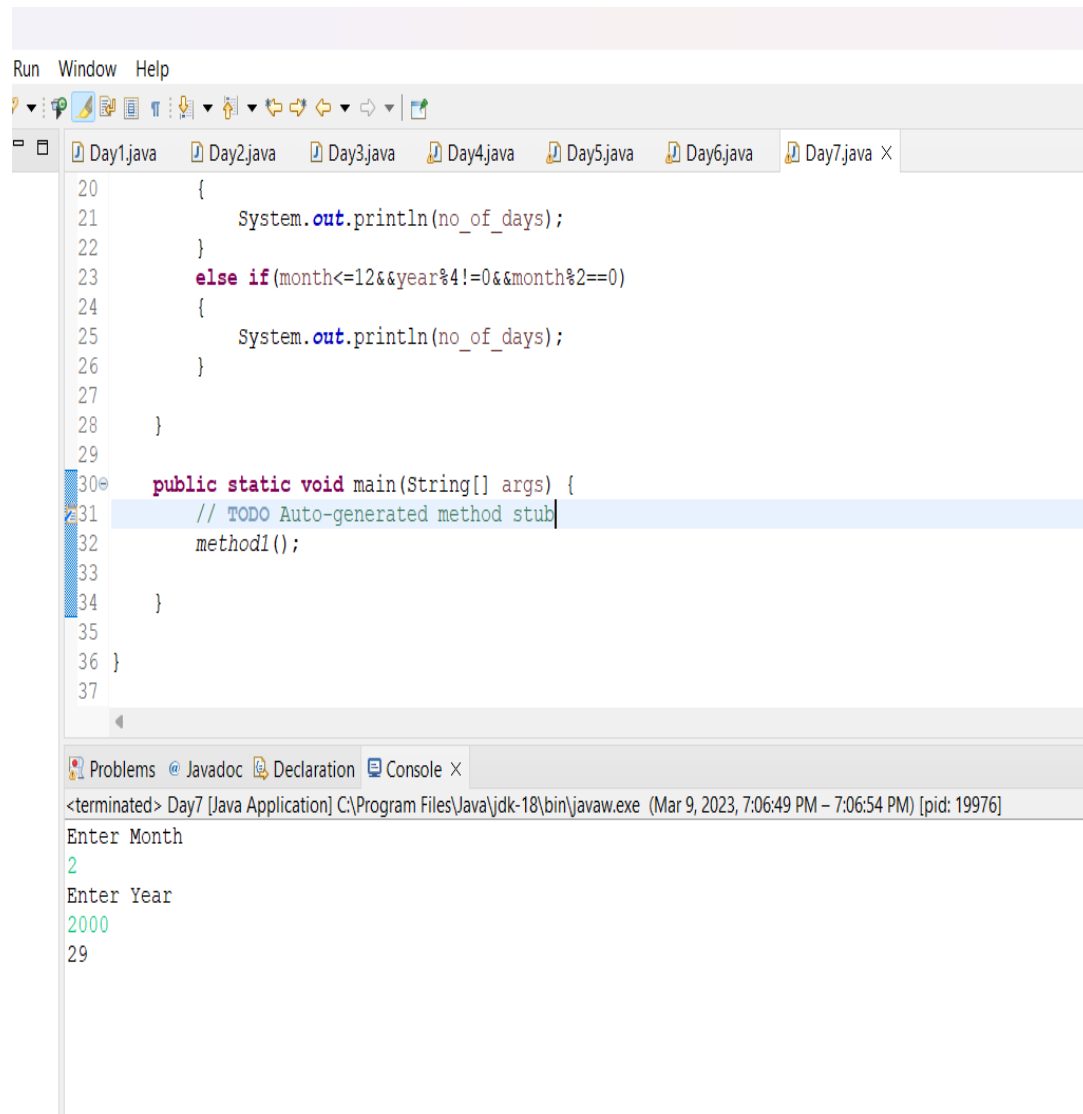
**Day 7 coding Statement: Write a program to find Number of days in a given month of a given year**

**Program:**

```
import java.util.*;
public class Day7 {
    static void method1()
    {
        int month, year, no_of_days=30;
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter Month");
        month=sc.nextInt();
        System.out.println("Enter Year");
        year=sc.nextInt();
        if(month<=12&&year%4!=0&&month%2!=0)
        {
            System.out.println(no_of_days+1);
        }
        else if(year%4==0&&month==2)
        {
            System.out.println(no_of_days=29);
        }
        else if(month<=12&&year%4==0)
        {
            System.out.println(no_of_days);
        }
        else if(month<=12&&year%4!=0&&month%2==0)
        {
            System.out.println(no_of_days);
        }
    }

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        method1();
    }
}
```

## Output:



The screenshot shows an IDE with a Java file named Day7.java. The code is a Java application that prompts the user to enter a month and a year, then calculates the number of days in that month. The code is as follows:

```
20 {
21     System.out.println(no_of_days);
22 }
23 else if (month <= 12 && year % 4 != 0 && month % 2 == 0)
24 {
25     System.out.println(no_of_days);
26 }
27
28 }
29
30 public static void main(String[] args) {
31     // TODO Auto-generated method stub
32     method1();
33
34 }
35
36 }
37
```

The output window shows the following text:

```
<terminated> Day7 [Java Application] C:\Program Files\Java\jdk-18\bin\javaw.exe (Mar 9, 2023, 7:06:49 PM - 7:06:54 PM) [pid: 19976]
Enter Month
2
Enter Year
2000
29
```