

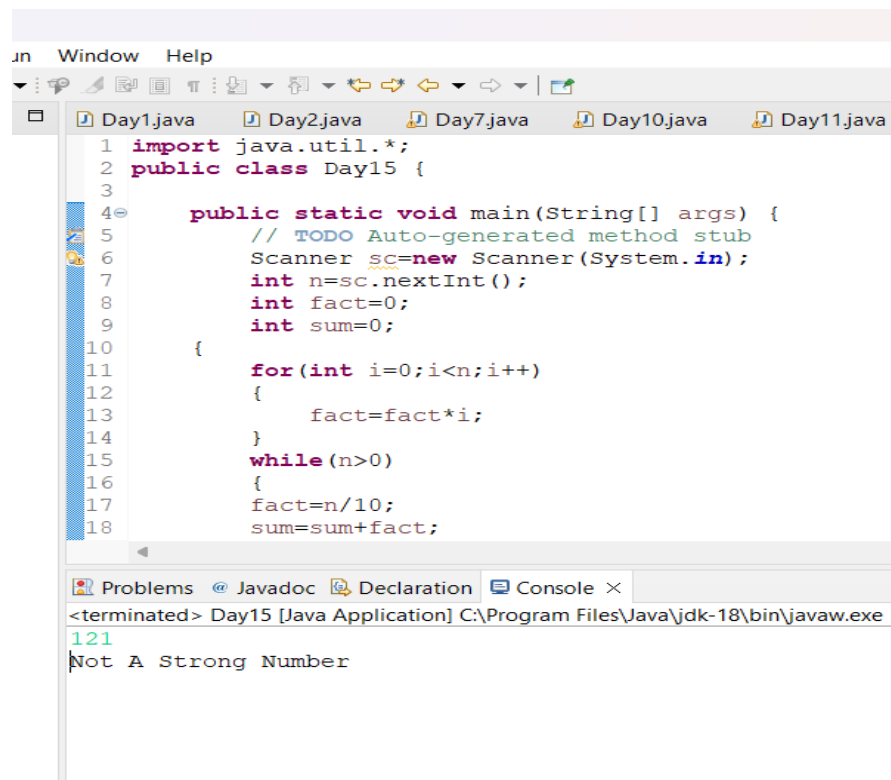
Day 15 coding Statement : Write a program to identify if the number is Strong number or not

Program:

```
import java.util.*;
public class Day15 {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int fact=0;
        int sum=0;
    {
        for(int i=0;i<n;i++)
        {
            fact=fact*i;
        }
        while(n>0)
        {
            fact=n/10;
            sum=sum+fact;
            n=n/10;
        }
        if(fact==sum)
        {
            System.out.println("Strong Number");
        }
        else
        {
            System.out.println("Not A Strong Number");
        }
    }
}
```

Output:

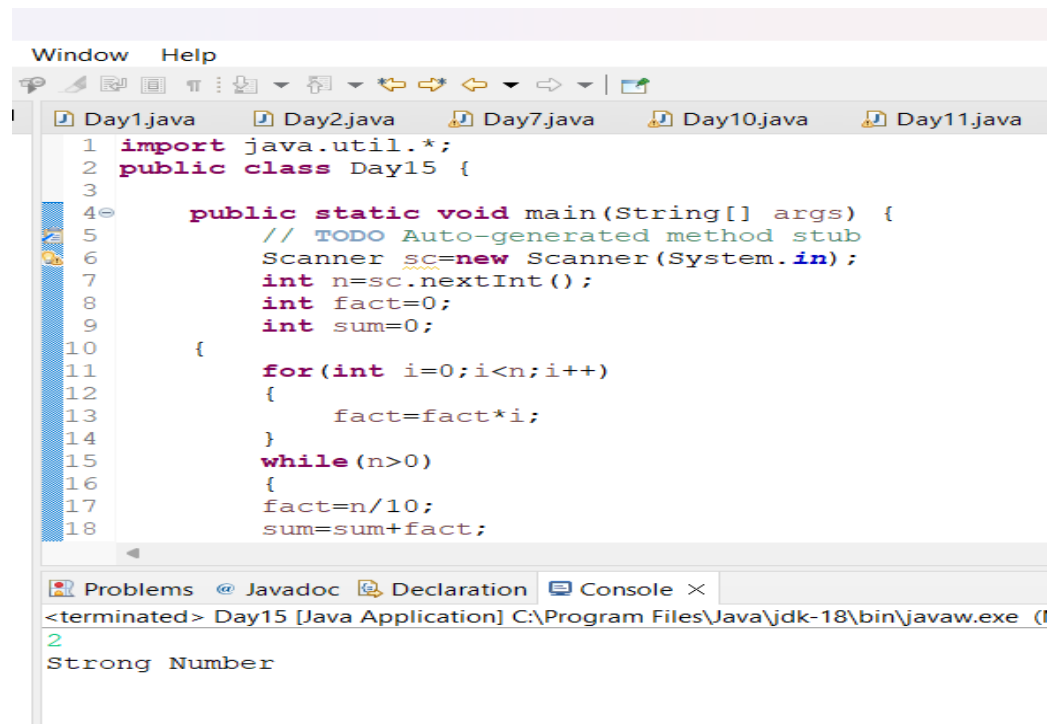


The screenshot shows an IDE window with the following components:

- File Explorer:** Displays several Java files: Day1.java, Day2.java, Day7.java, Day10.java, and Day11.java.
- Editor:** Contains the code for Day15.java:

```
1 import java.util.*;
2 public class Day15 {
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=0;
9         int sum=0;
10        {
11            for(int i=0;i<n;i++)
12            {
13                fact=fact*i;
14            }
15            while(n>0)
16            {
17                fact=n/10;
18                sum=sum+fact;
```
- Console:** Shows the output of the program:

```
<terminated> Day15 [Java Application] C:\Program Files\Java\jdk-18\bin\javaw.exe
121
Not A Strong Number
```



This screenshot shows the same IDE window with the same code for Day15.java. The console output is different:

```
<terminated> Day15 [Java Application] C:\Program Files\Java\jdk-18\bin\javaw.exe (1
2
Strong Number
```

The difference in output suggests that the input value 'n' was different in this run compared to the first screenshot.

