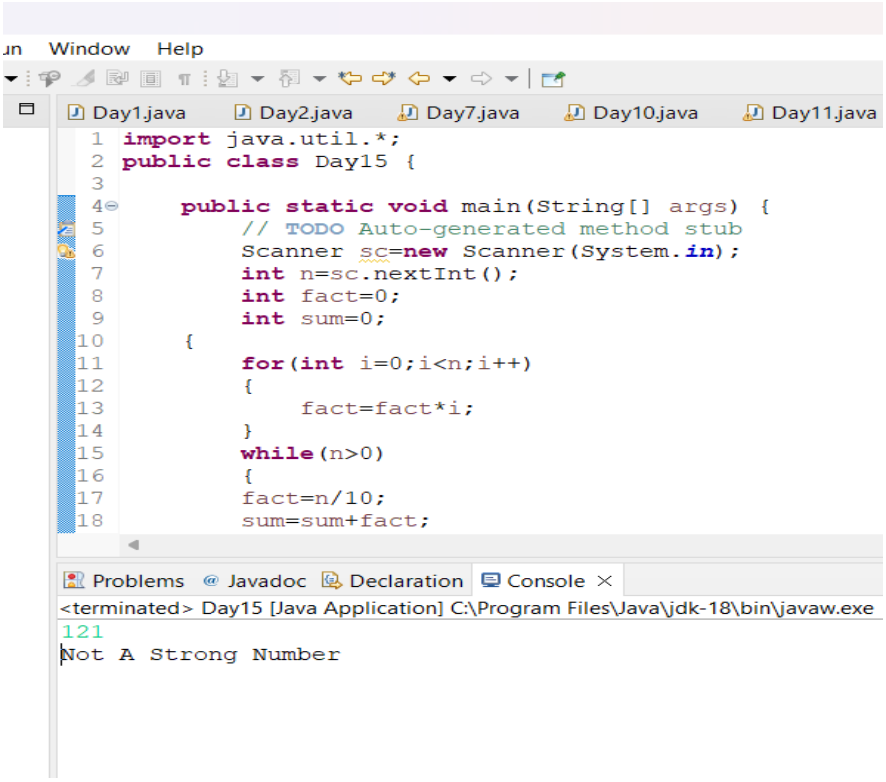
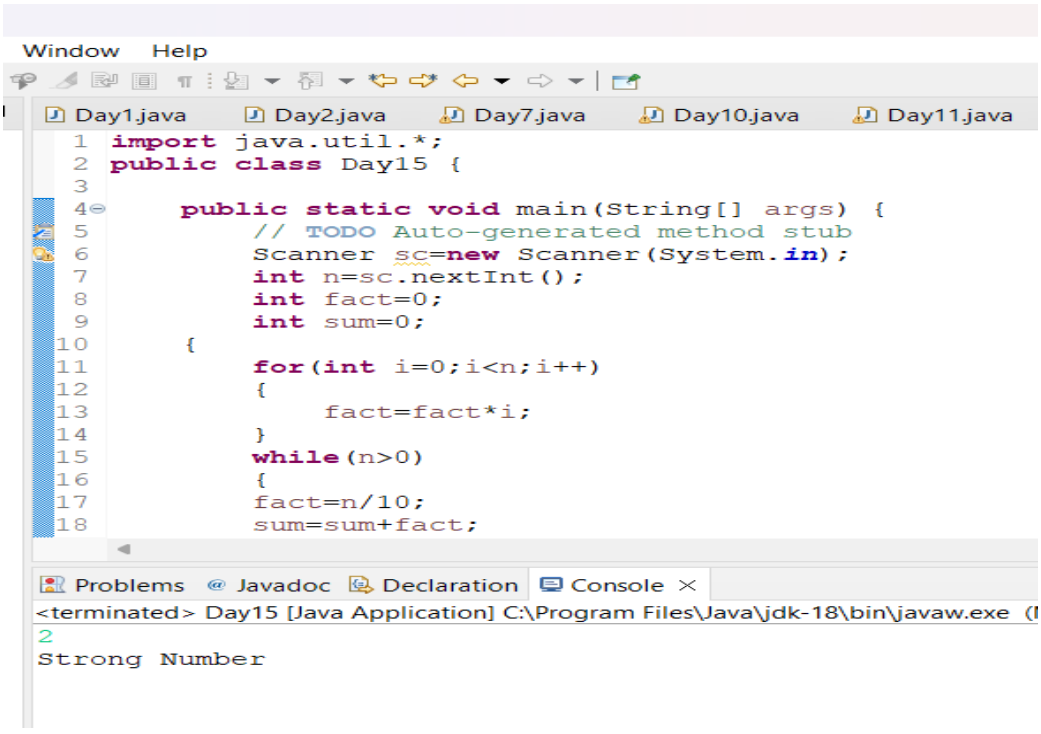
Day 15 coding Statement : Write a program to identify if the number is Strong number or not

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:


un Window Help
Day1.java Day2.java Day7.java Day10.java Day11.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;
Problems Javadoc Declaration Console
<terminated> Day15 [Java Application] C:\Program Files\Java\jdk-18\bin\javaw.exe
121
Not A Strong Number


Window Help
Day1.java Day2.java Day7.java Day10.java Day11.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;
Problems Javadoc Declaration Console
<terminated> Day15 [Java Application] C:\Program Files\Java\jdk-18\bin\javaw.exe
2
Strong Number