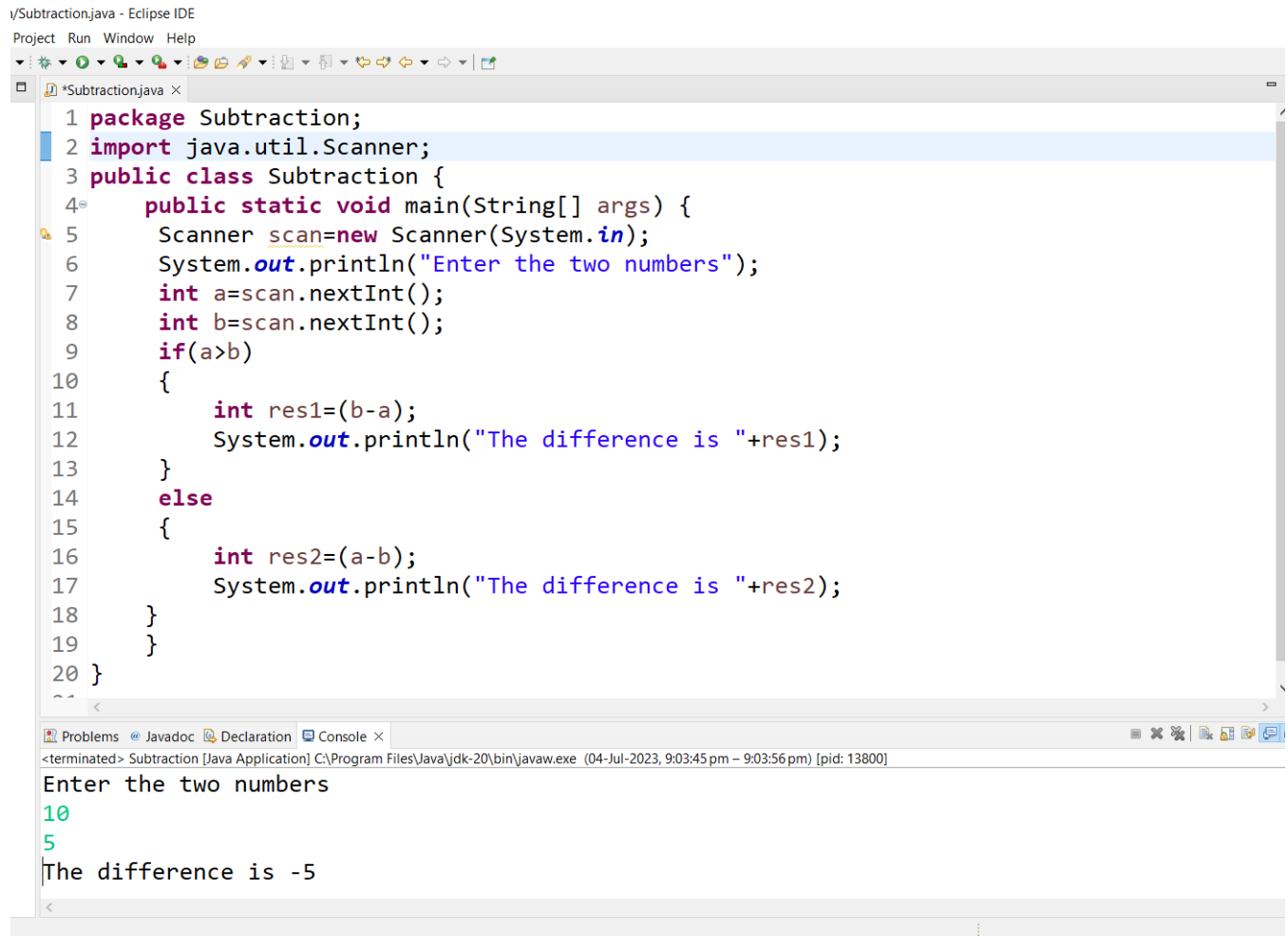


Program:

```
package Subtraction;
import java.util.Scanner;
public class Subtraction {
    public static void main(String[] args) {
        Scanner scan=new Scanner(System.in);
        System.out.println("Enter the two numbers");
        int a=scan.nextInt();
        int b=scan.nextInt();
        if(a>b)
        {
            int res1=(b-a);
            System.out.println("The difference is "+res1);
        }
        else
        {
            int res2=(a-b);
            System.out.println("The difference is "+res2);
        }
    }
}
```

OUTPUT :



The screenshot displays the Eclipse IDE interface. The top toolbar includes icons for file operations and running the application. The main editor window shows the source code for a Java application named 'Subtraction.java'. The code defines a package, imports the Scanner class, and implements a main method that prompts the user for two numbers and calculates their difference based on whether the first number is greater than the second. The bottom panel shows the 'Console' tab with the program's execution output.

```
1 package Subtraction;
2 import java.util.Scanner;
3 public class Subtraction {
4     public static void main(String[] args) {
5         Scanner scan=new Scanner(System.in);
6         System.out.println("Enter the two numbers");
7         int a=scan.nextInt();
8         int b=scan.nextInt();
9         if(a>b)
10        {
11            int res1=(b-a);
12            System.out.println("The difference is "+res1);
13        }
14        else
15        {
16            int res2=(a-b);
17            System.out.println("The difference is "+res2);
18        }
19    }
20 }
```

Problems Javadoc Declaration Console x
<terminated> Subtraction [Java Application] C:\Program Files\Java\jdk-20\bin\javaw.exe (04-Jul-2023, 9:03:45 pm - 9:03:56 pm) [pid: 13800]
Enter the two numbers
10
5
The difference is -5