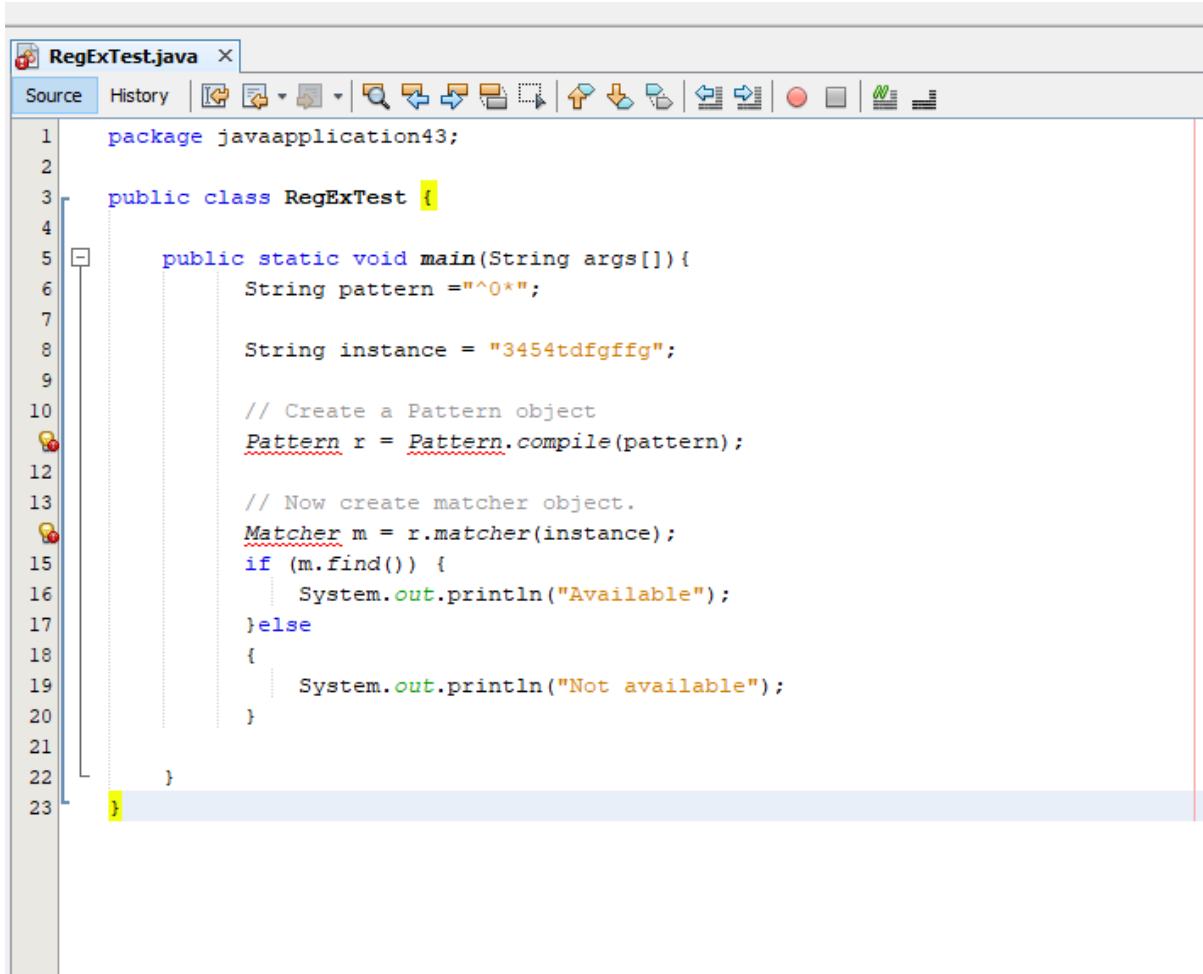


Question ID - 41330658

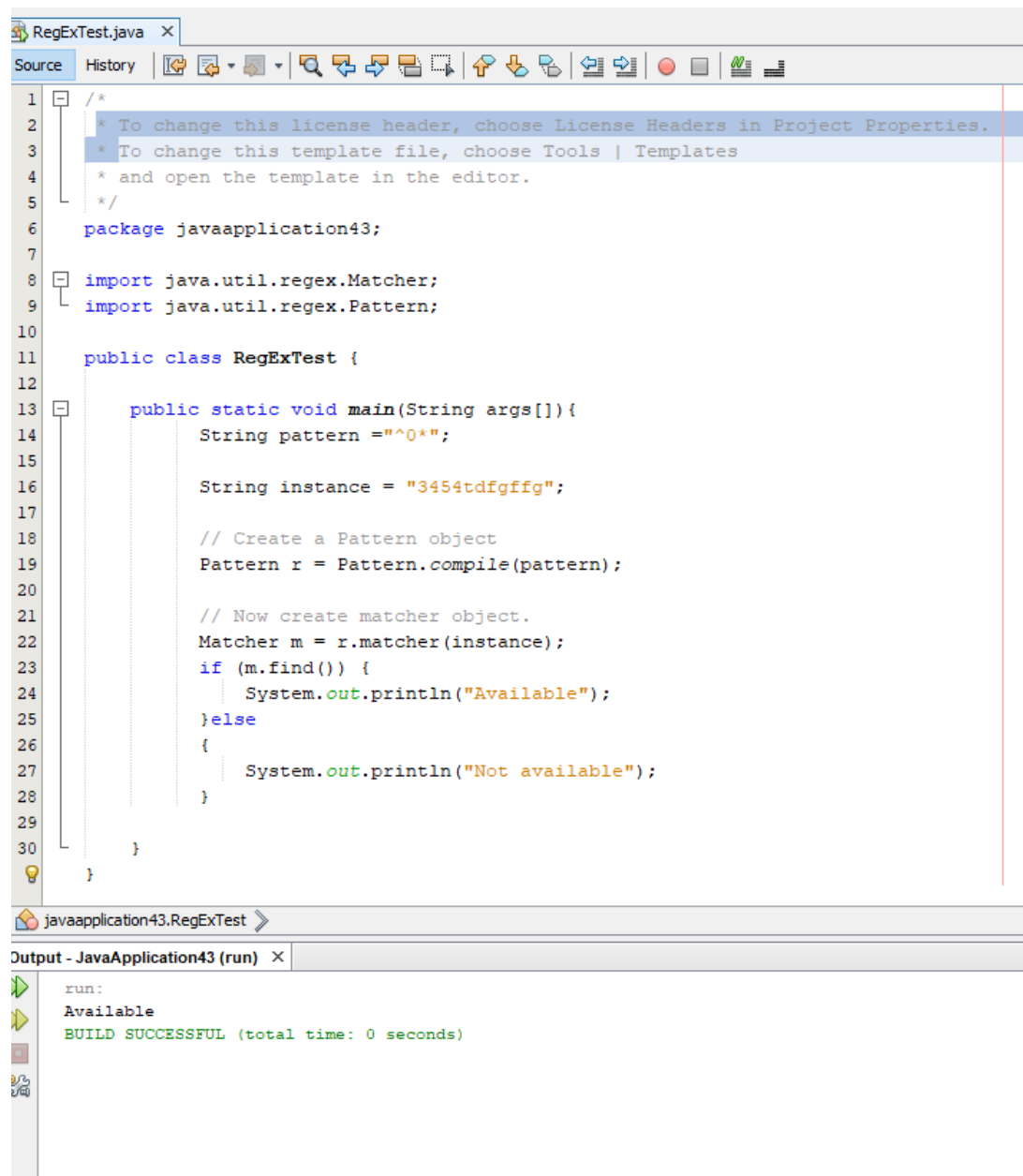
The below screenshot of code from NetBeans IDE is taken from the body of the ID mentioned above.

### Code before Modification



```
1 package javaapplication43;
2
3 public class RegExTest {
4
5     public static void main(String args[]) {
6         String pattern = "^0*";
7
8         String instance = "3454tdfgffg";
9
10        // Create a Pattern object
11        Pattern r = Pattern.compile(pattern);
12
13        // Now create matcher object.
14        Matcher m = r.matcher(instance);
15        if (m.find()) {
16            System.out.println("Available");
17        } else
18        {
19            System.out.println("Not available");
20        }
21    }
22 }
23 }
```

Code after Minor modification such as importing certain necessary libraries.



The screenshot shows an IDE window with a file named `RegExTest.java`. The code is as follows:

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6  package javaapplication43;
7
8  import java.util.regex.Matcher;
9  import java.util.regex.Pattern;
10
11  public class RegExTest {
12
13      public static void main(String args[]){
14          String pattern = "^0*";
15
16          String instance = "3454tdfgffg";
17
18          // Create a Pattern object
19          Pattern r = Pattern.compile(pattern);
20
21          // Now create matcher object.
22          Matcher m = r.matcher(instance);
23          if (m.find()) {
24              System.out.println("Available");
25          }else
26          {
27              System.out.println("Not available");
28          }
29      }
30  }
```

Below the code editor, the output window shows the following text:

```
run:
Available
BUILD SUCCESSFUL (total time: 0 seconds)
```

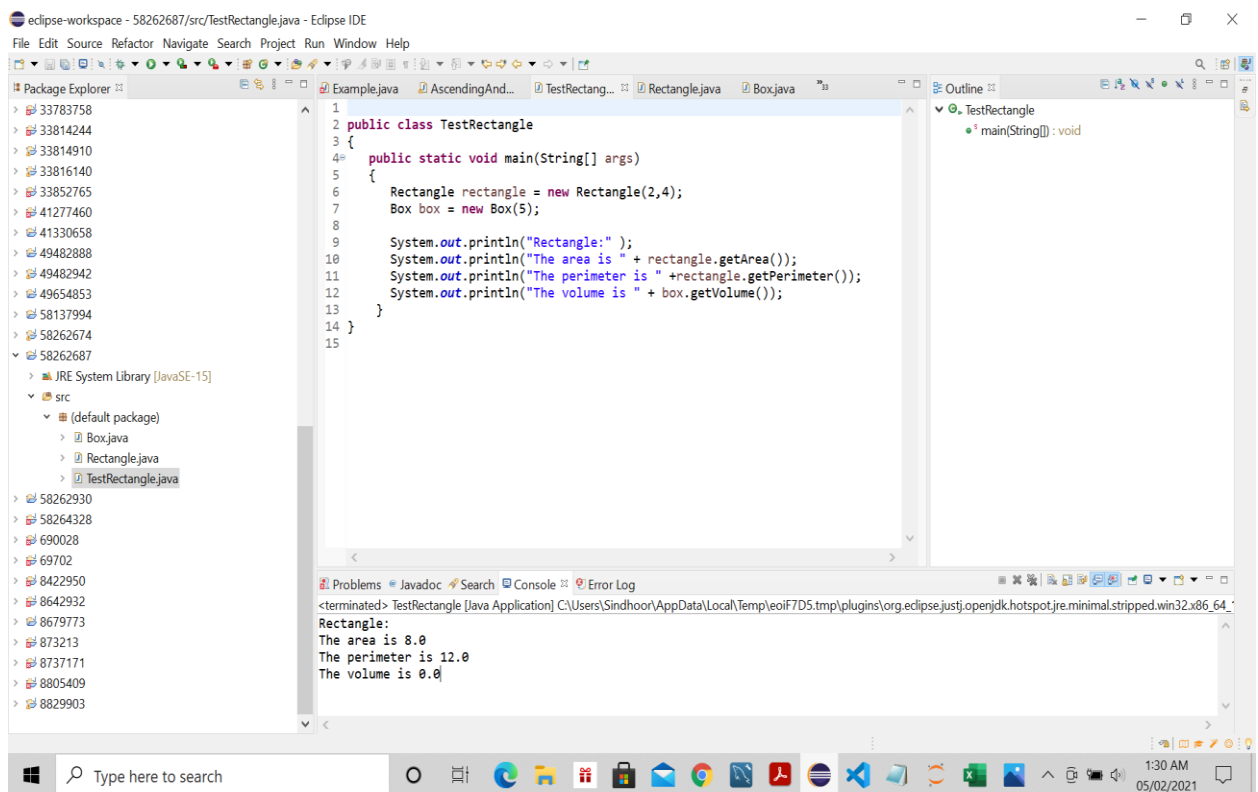
Note: The error was that the user received “available” message for all instances. We were able to reproduce this issue by doing some minor modifications.

## Question ID – 58262687

The below screenshot of code from Eclipse IDE is taken from the body of the ID mentioned above.

The below example is classified as **Reproducible without modification**.

The code contains 3 classes, the screenshots with the output is shown below. We were able to get the same output as the user posted in Stack Overflow without any changes.



The screenshot displays the Eclipse IDE interface. The Package Explorer on the left shows a project structure with a source folder containing three files: Box.java, Rectangle.java, and TestRectangle.java. The main editor window shows the code for TestRectangle.java, which includes a main method that creates a Rectangle and a Box object, and prints their area, perimeter, and volume. The Console window at the bottom shows the output of the program, which matches the expected results from the Stack Overflow post.

```
1 public class TestRectangle
2 {
3     public static void main(String[] args)
4     {
5         Rectangle rectangle = new Rectangle(2,4);
6         Box box = new Box(5);
7
8         System.out.println("Rectangle:");
9         System.out.println("The area is " + rectangle.getArea());
10        System.out.println("The perimeter is " + rectangle.getPerimeter());
11        System.out.println("The volume is " + box.getVolume());
12    }
13 }
14
15
```

Rectangle:  
The area is 8.0  
The perimeter is 12.0  
The volume is 0.0

