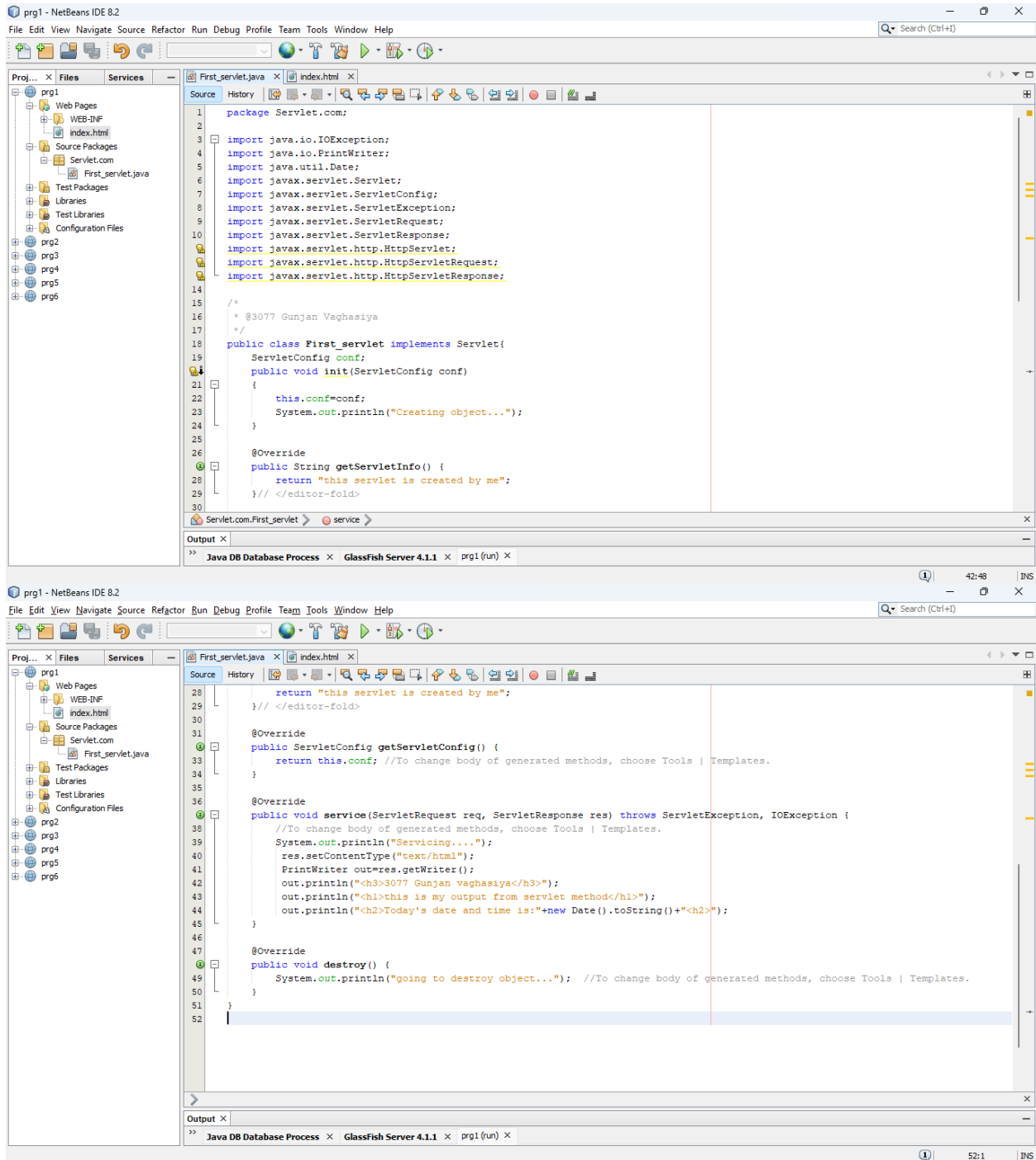
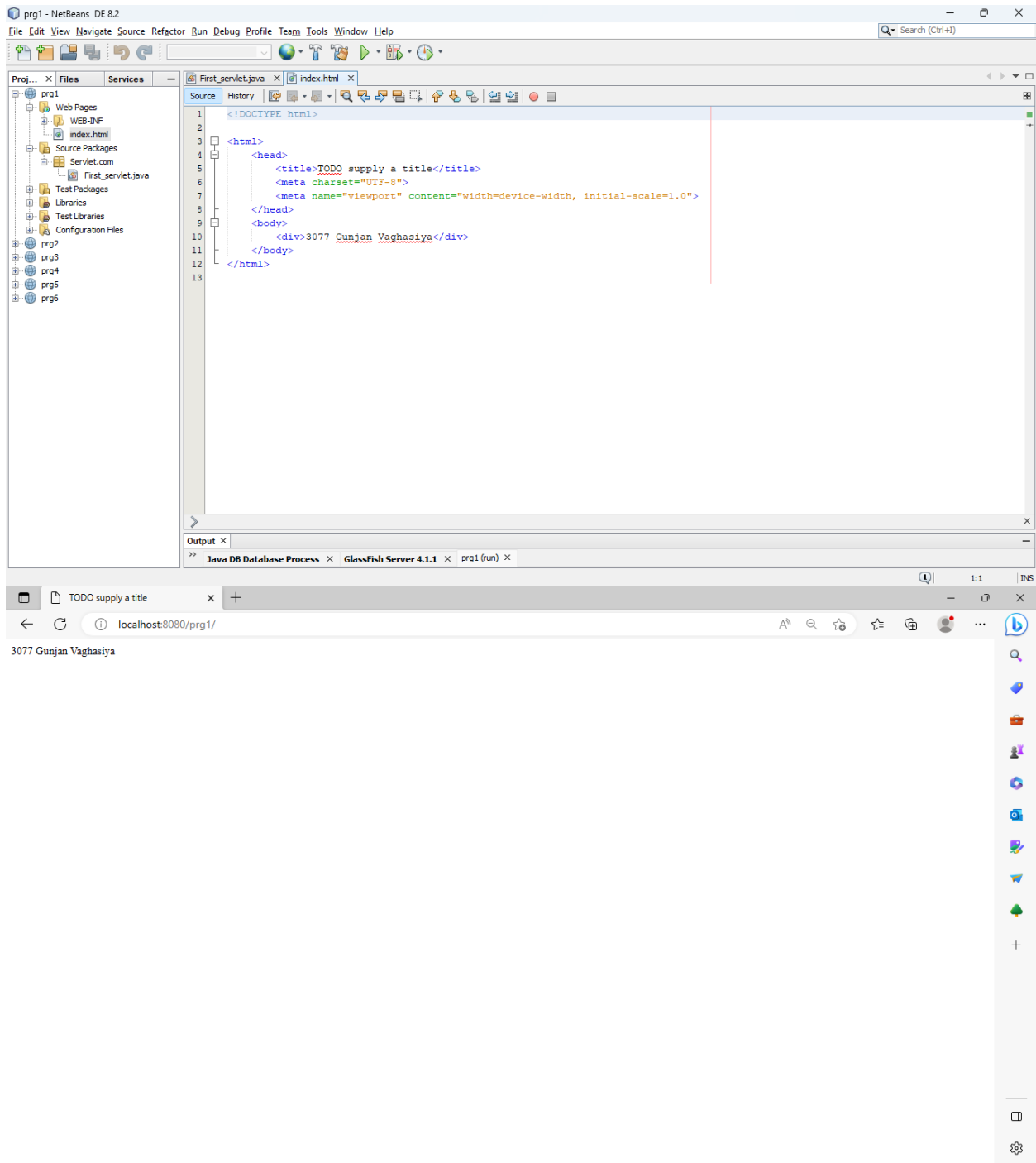
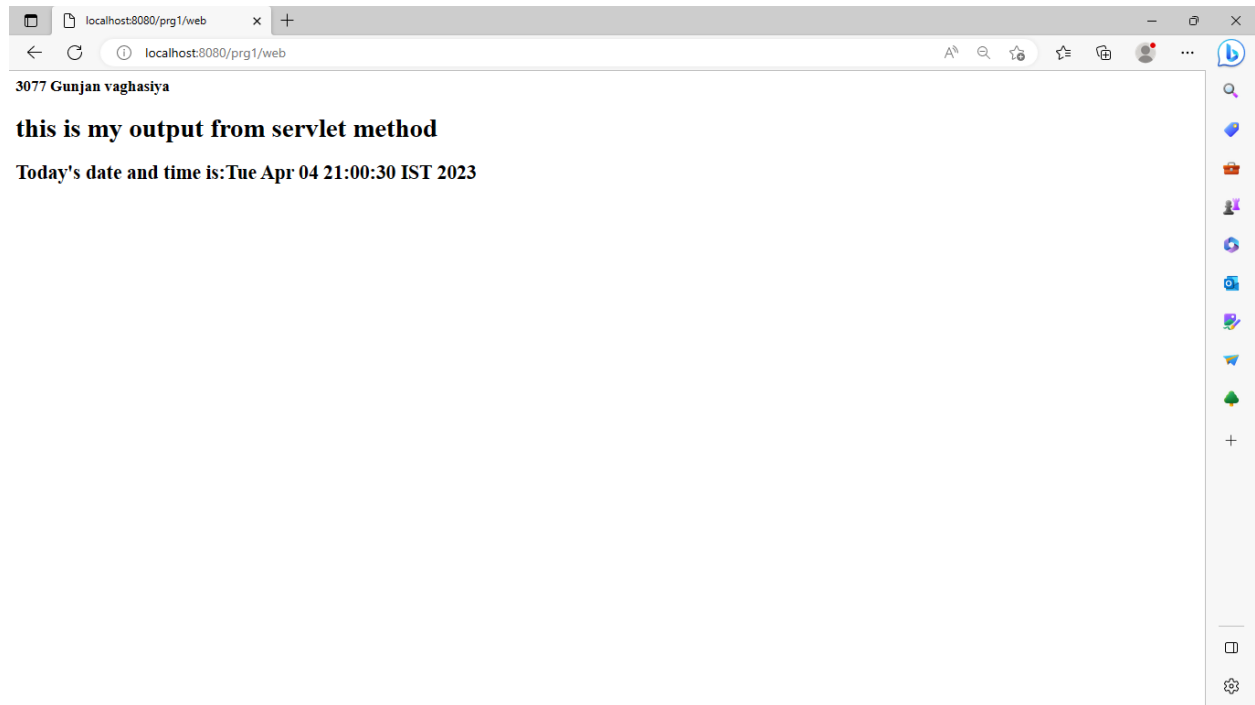
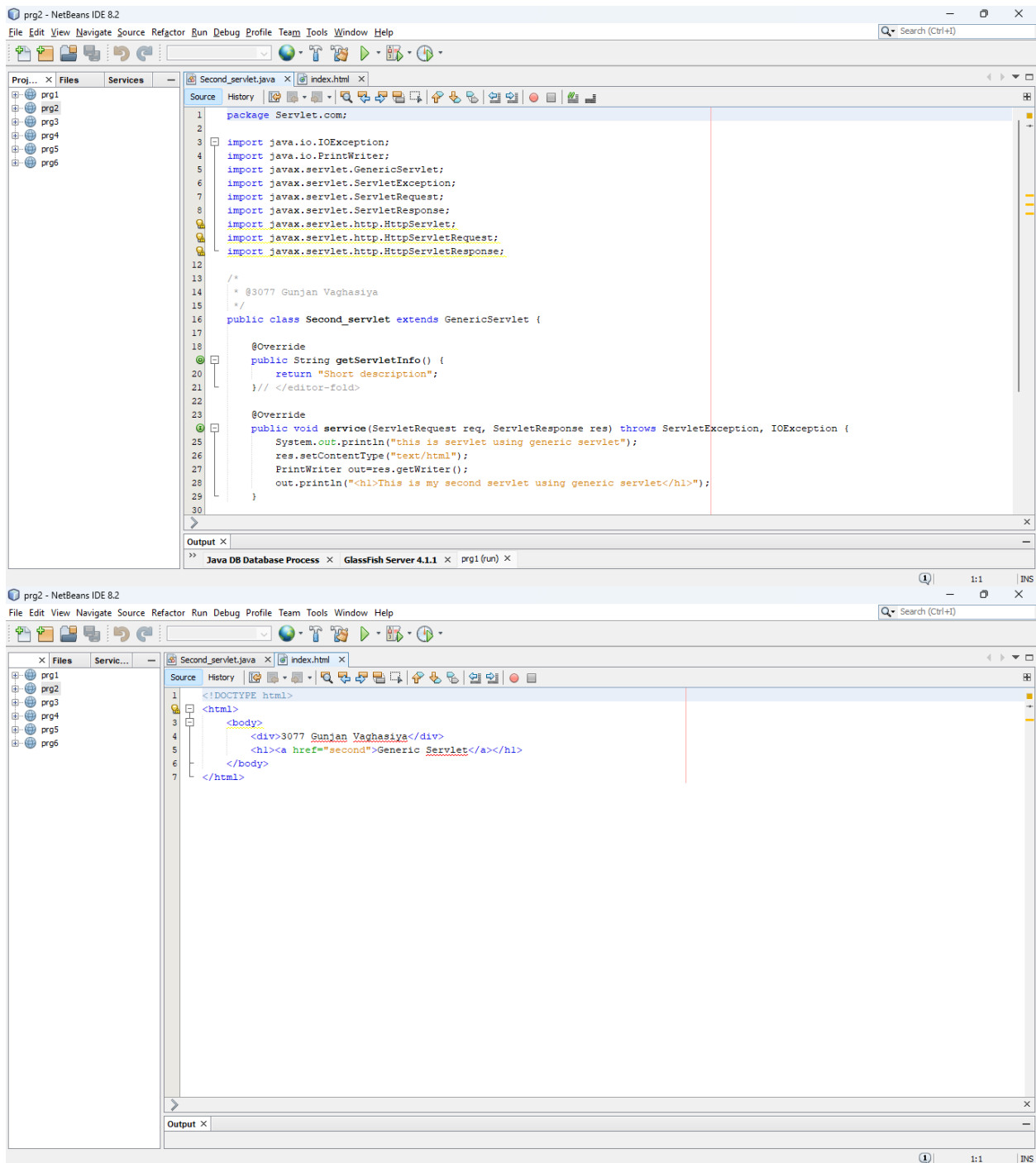


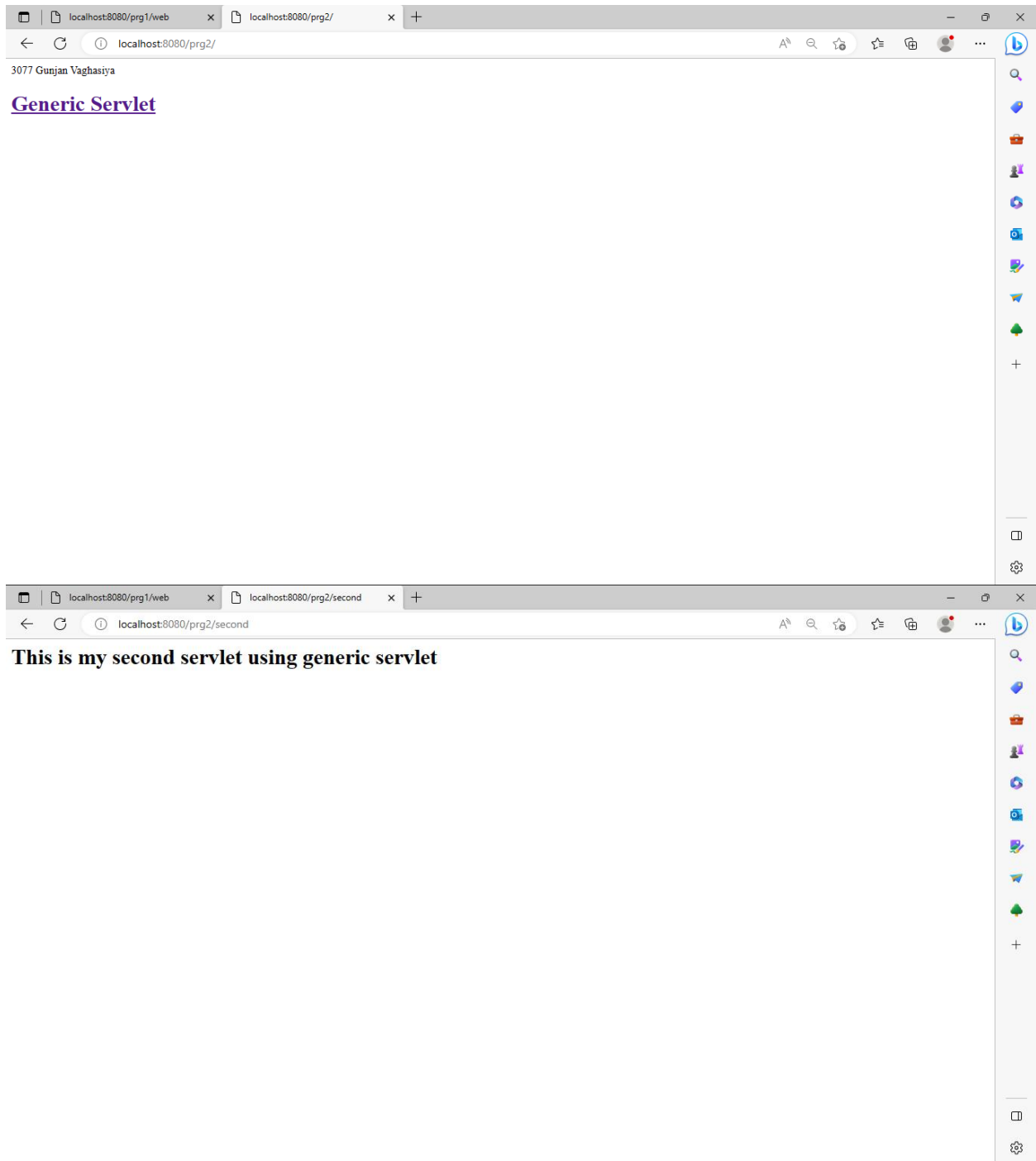
Program 1 : Write a program to create simple servlet using 5 servlet method in java servlet.



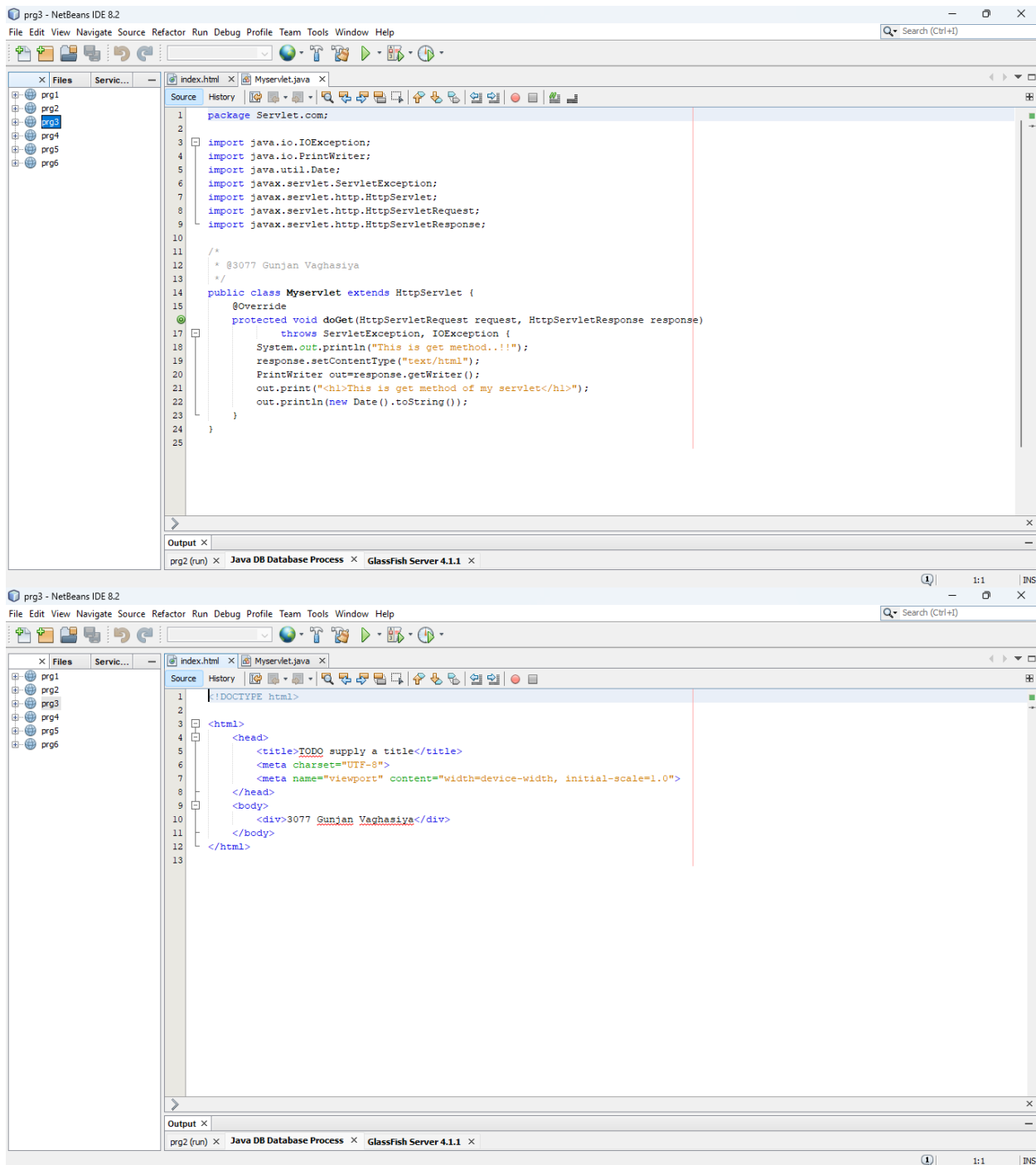


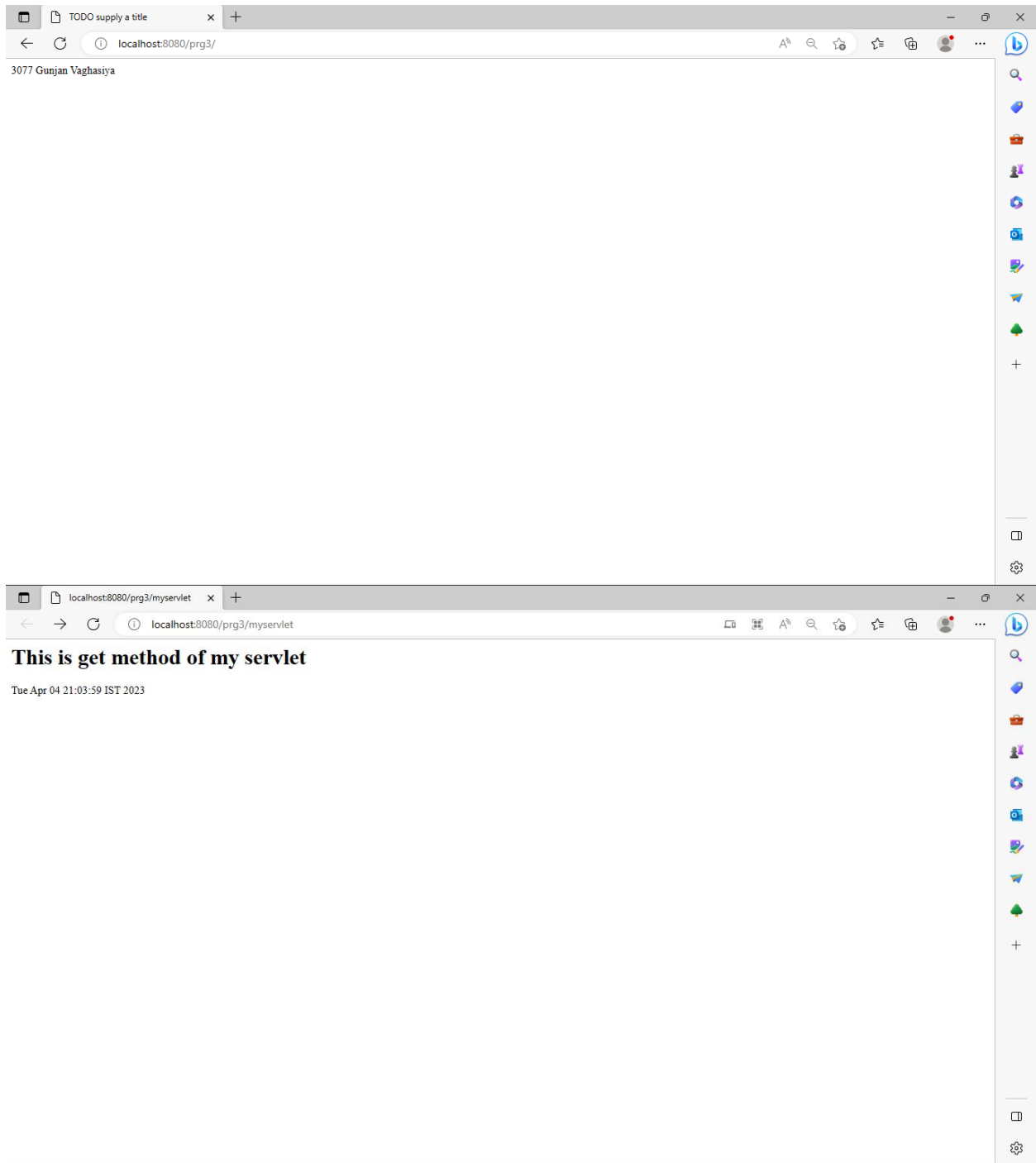
Program 2 : Write a Program to create Generic Servlet in java Servlet.





Program 3 : Write a program to create HttpServlet in java Servlet.





Program 4 : Write a java program For URL Rewriting using java servlet.

```

package Myservlet;

import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

/*
 * @3077 Gunjan Vaghasiya
 */
public class Servlet1 extends HttpServlet {

    protected void processRequest(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            /* TODO output your page here. You may use following sample code. */
            out.println("<DOCTYPE html>");
            out.println("<html>");
            out.println("<head>");
            out.println("<title>Servlet Servlet1</title>");
            out.println("</head>");
            out.println("<body>");

            String name=request.getParameter("user_name");
            out.println("<h1>Your name is "+name+"</h1>");

            out.println("<a href='Servlet2?user="+name+"'>Go To Second Servlet</a>");
        }
    }
}

```

```

package Myservlet;

import java.io.IOException;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

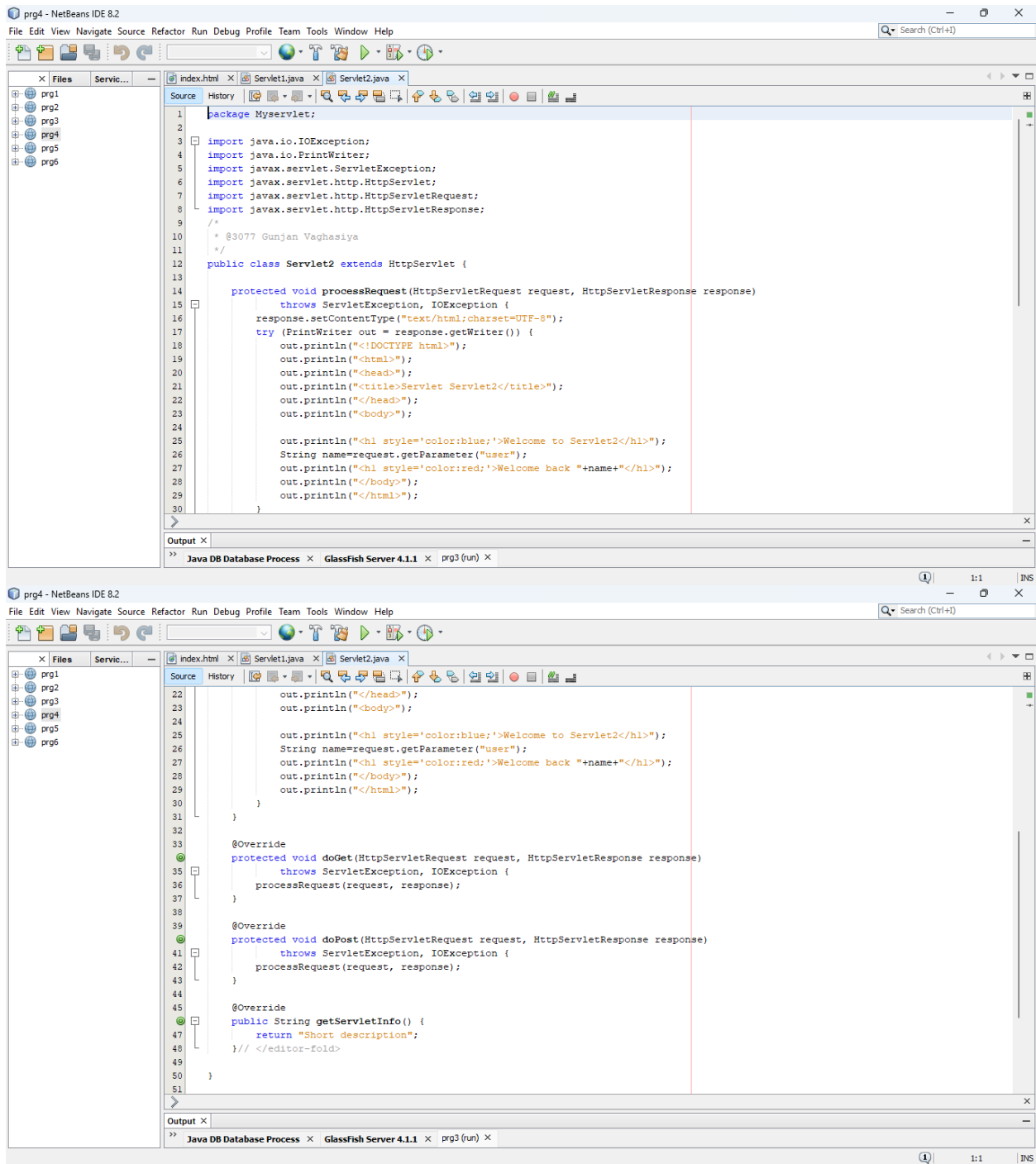
public class Servlet2 extends HttpServlet {

    @Override
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        processRequest(request, response);
    }

    @Override
    protected void doPost(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        processRequest(request, response);
    }

    @Override
    public String getServletInfo() {
        return "Short description";
    }
}

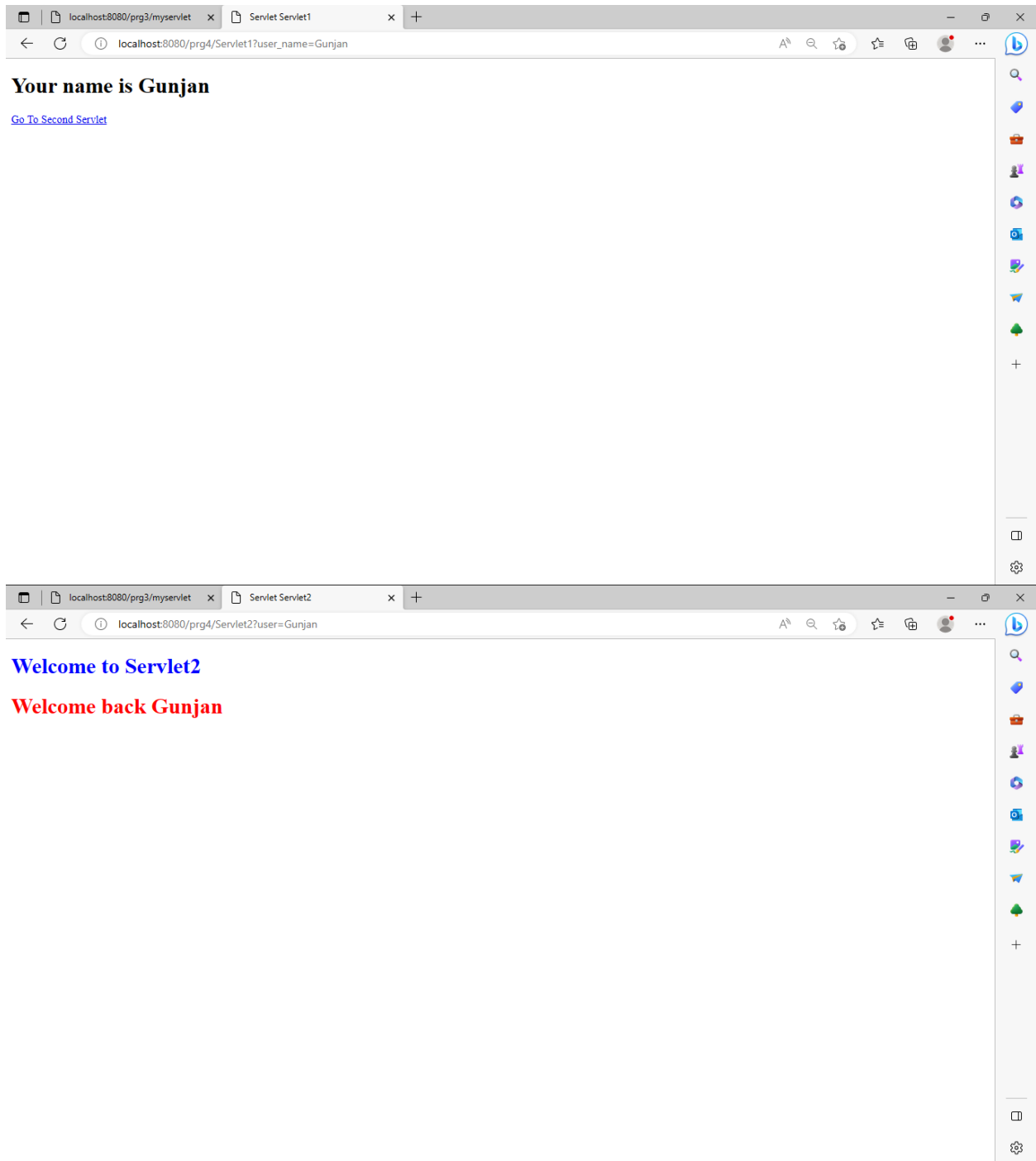
```

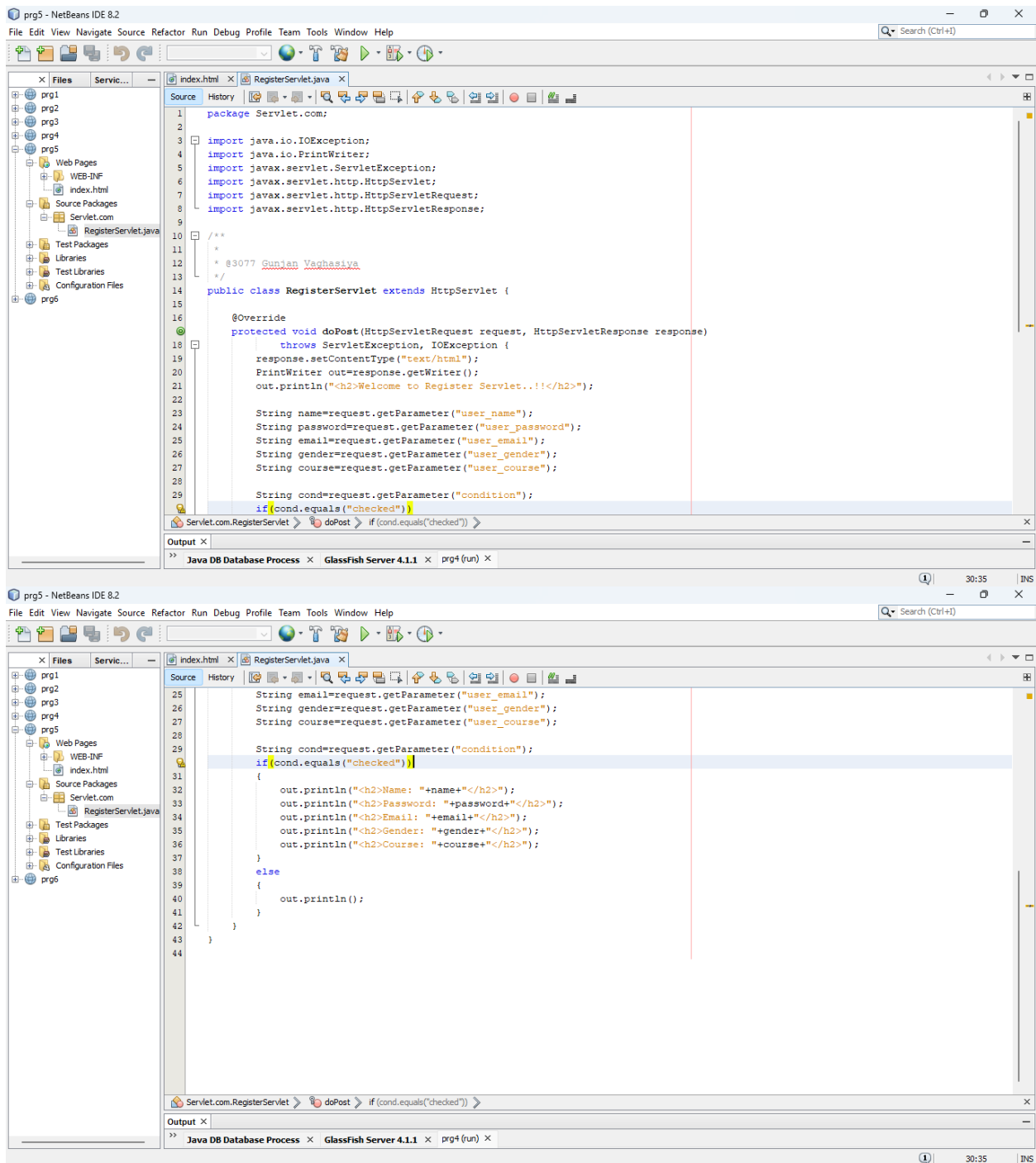
The image shows a development environment with NetBeans IDE 8.2 and a web browser. The IDE window displays the source code of an HTML file named `index.html`. The code is as follows:

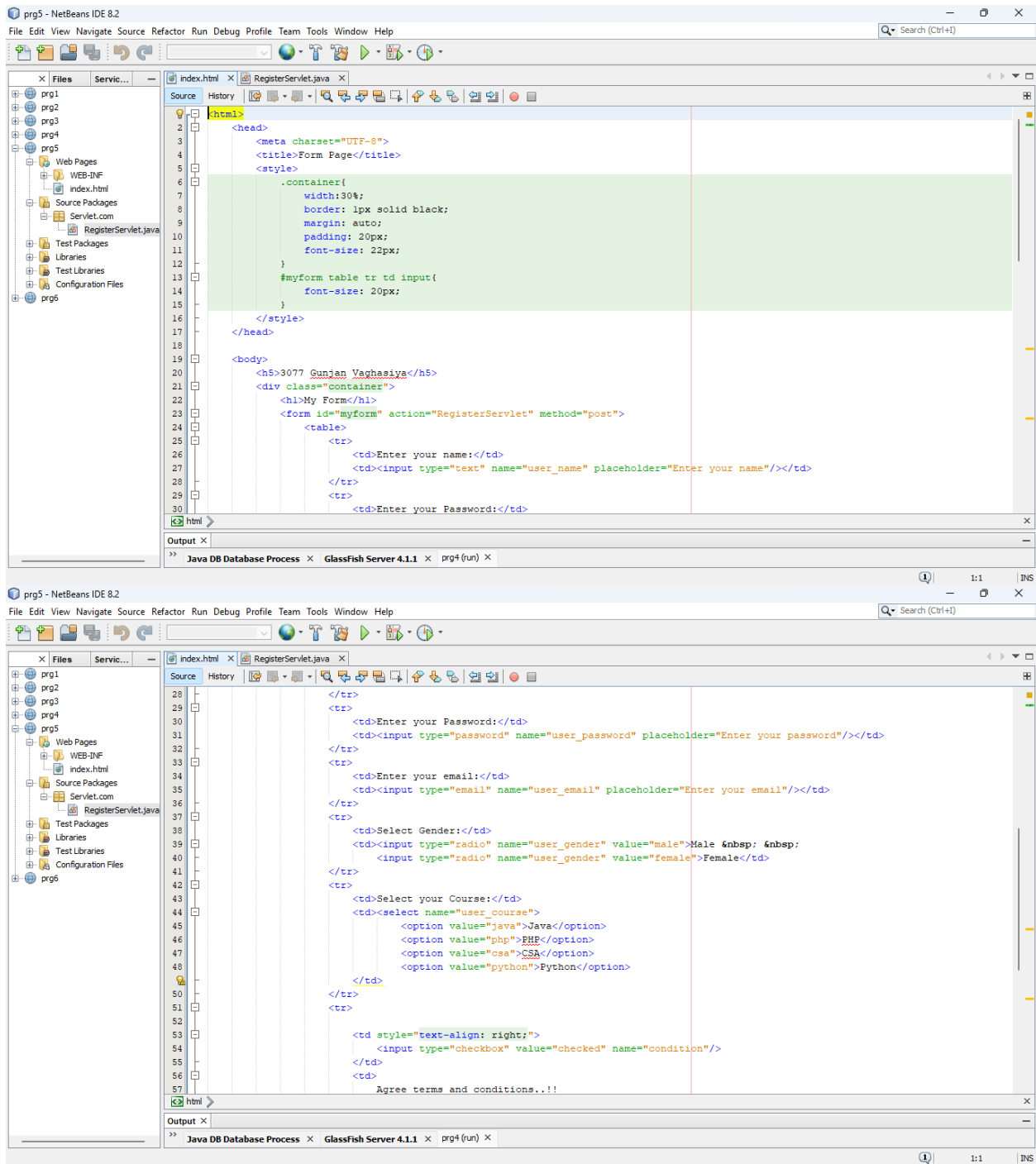
```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>URL form</title>
5   <meta charset="UTF-8">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 </head>
8 <body>
9   <form action="Servlet1">
10    <div>3077 Gunjan Vaghasiya</div><br><br>
11    <input type="text" name="user_name" placeholder="Enter Your Name Here">
12    <br><br>
13    <button type="submit" style="font-size: 30px;">GO</button>
14  </form>
15 </body>
16 </html>
17
```

The web browser window shows the rendered page at `localhost:8080/prg4/index.html`. The page displays the text "3077 Gunjan Vaghasiya" and a form with a text input field containing "Gunjan" and a "GO" button.



Program 5 : Fetch the data of from using Servlet in java servlet.





prg5 - NetBeans IDE 8.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

Files Services

prg1 prg2 prg3 prg4 prg5 prg6

Web Pages

WEB-INF

index.html

Source Packages

Servlet.com

RegisterServlet.java

Test Packages

Libraries

Test Libraries

Configuration Files

prg5

Source History

```
50 </td>
51 </tr>
52
53 <td style="text-align: right;">
54 <input type="checkbox" value="checked" name="condition"/>
55 </td>
56 <td>
57 Agree terms and conditions...!!
58 </td>
59 </tr>
60 </tr>
61 <td>
62 <button type="submit">Register now...!!</button>
63 <button type="reset">Reset</button>
64 </td>
65 </tr>
66 </table>
67 </form>
68 </div>
69 </body>
70 </html>
```

html

Output

Java DB Database Process GlassFish Server 4.1.1 prg4 (run)

localhost:8080/prg3/myServlet x Servlet Servlet2 x Form Page x +

localhost:8080/prg5/index.html

3077 Gunjan Vaghasiya

My Form

Enter your name:

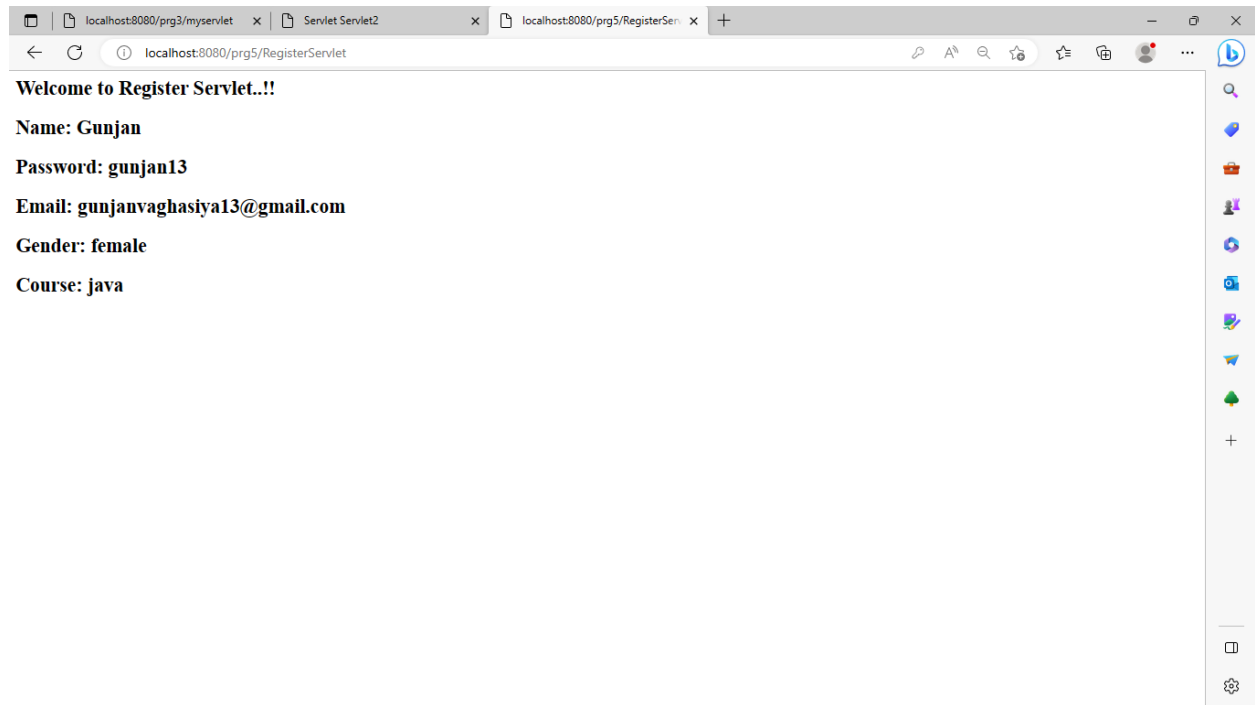
Enter your Password:

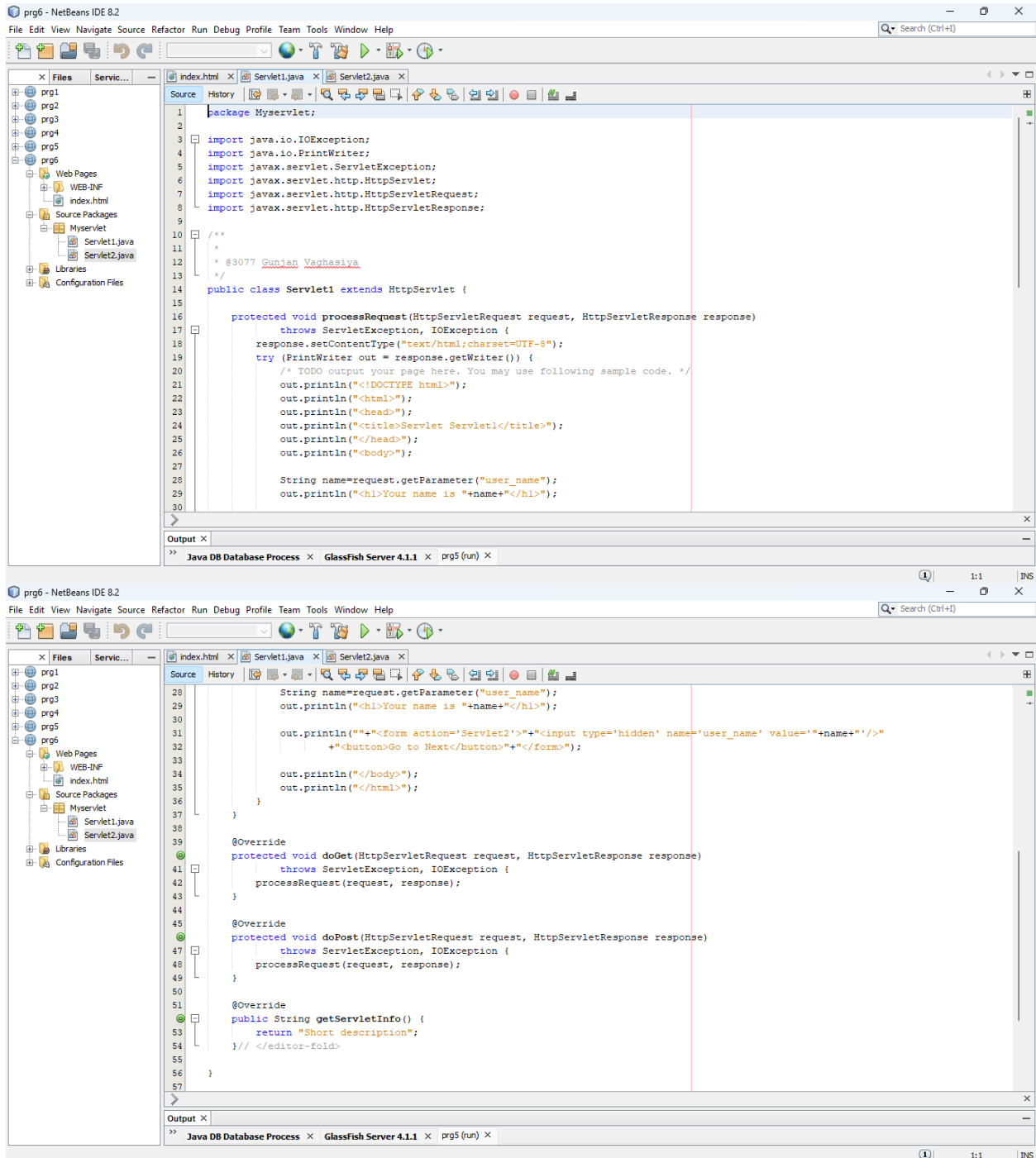
Enter your email:

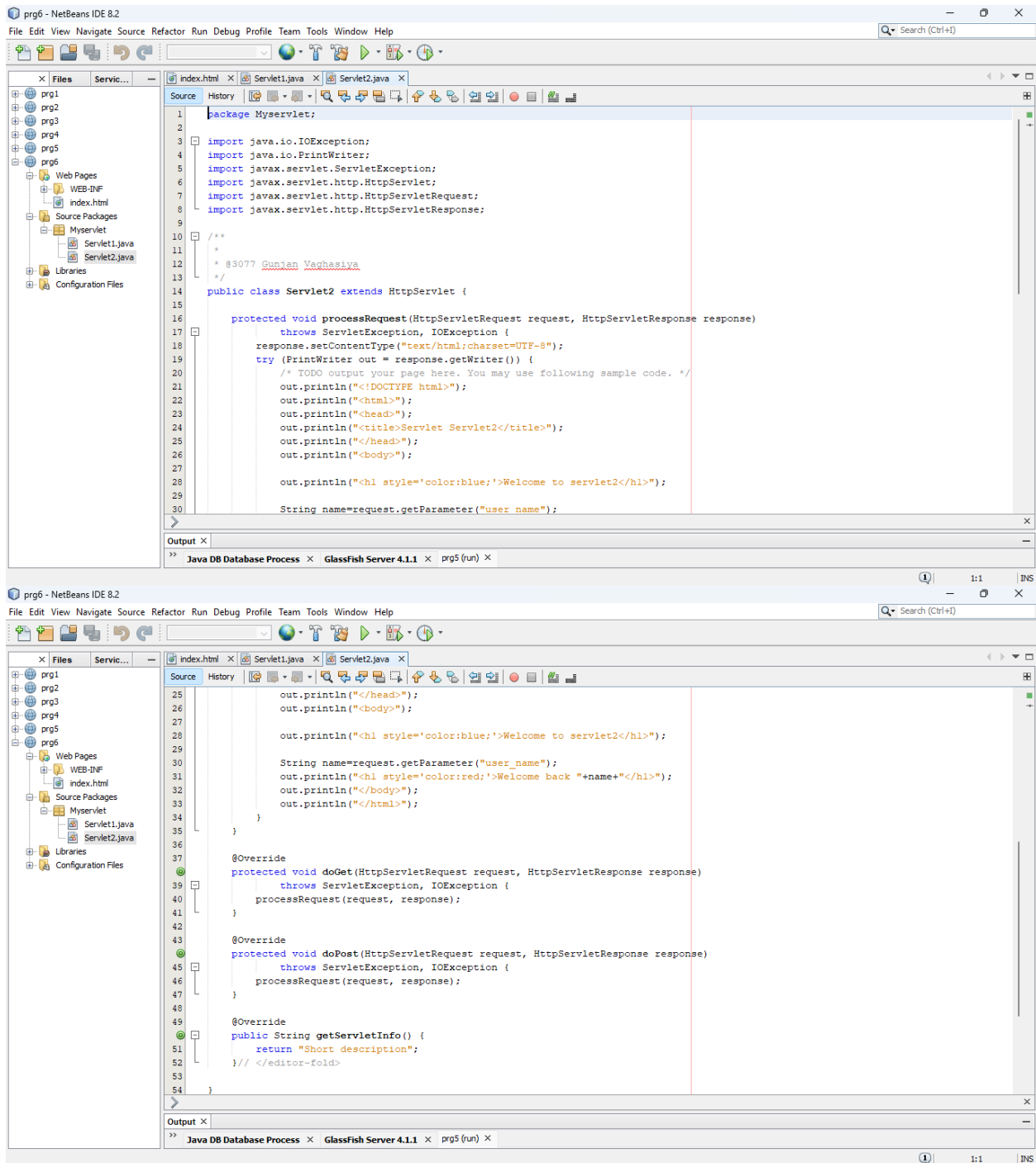
Select Gender: ☐ Male ☒ Female

Select your Course:

☒ Agree terms and conditions...!!



Program 6 : Write a java Program to fetch the name using HiddenFormField in java Servlet.



The screenshot displays the NetBeans IDE environment and a web browser. The IDE window, titled 'prg6 - NetBeans IDE 8.2', shows the 'index.html' file in the 'Source' editor. The code is an HTML document with a title 'Hidden form' and a form that submits to 'Servlet1'. The form contains a text input field with the placeholder 'Enter Your Name Here' and a 'GO' button. The project structure on the left includes 'prg1' through 'prg6', 'Web Pages', 'WEB-INF', 'Source Packages', 'Myservlet', 'Servlet1.java', 'Servlet2.java', 'Libraries', and 'Configuration Files'. The browser window shows the rendered page at 'localhost:8080/prg6/index.html', displaying the text '3077 Gunjan Vaghasiya', a text input field containing 'Gunjan', and a 'GO' button.

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Hidden form</title>
5 <meta charset="UTF-8">
6 <meta name="viewport" content="width=device-width, initial-scale=1.0">
7 </head>
8 <body>
9 <form action="Servlet1">
10 <div>3077 Gunjan Vaghasiya</div><br><br>
11 <input type="text" name="user_name" placeholder="Enter Your Name Here">
12 <br><br>
13 <button type="submit" style="font-size: 30px;">GO</button>
14 </form>
15 </body>
16 </html>
17
```

Output

Java DB Database Process x GlassFish Server 4.1.1 x prg5 (run) x

localhost:8080/prg3/myservlet x Servlet Servlet2 x localhost:8080/prg5/RegisterSer x Hidden form x + - 1:1 INS

localhost:8080/prg6/index.html

3077 Gunjan Vaghasiya

Gunjan

GO

