

# Book Rental System

We have developed a web application called Book Rental System. It will allow any user to create an account to become a customer. It will enable the users (customers) to view the real time inventory and extract book information and rent those books for a specific amount of time. The main objective of the application is to search and rent a book based on specific genre. The selected books are displayed with their detailed information like the Author name, Book ID, Publication Year, Genre, Ratings and Language.

Now we will go step by step to understand the working of the above web application.

## Step 1: User Registration

### HTML code:

```
<!DOCTYPE html>

<html>

  <head>

    <title>JAVA Db WebApp</title>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="styles.css">

  </head>

  <body>

    <div id="wrapper">

      <div id="register" class="animate form">

        <form action="register" method="post">

          <h1> Sign up </h1>

        <p>

          <label for="username signup" class="uname">Your Name</label>

          <input id="username signup" name="username signup" required="required" type="text" />
```

</p>

<p>

<label for="agesignup" class="youage"> Your Age</label>

<input id="agesignup" name="agesignup" required="required" type="text" />

</p>

<p>

<label for="emailsignup" class="youmail"> Your E-mail</label>

<input id="emailsignup" name="emailsignup" required="required" type="email" />

</p>

<p>

<label for="passwordsignup" class="youpasswd">Your Password </label>

<input id="passwordsignup" name="passwordsignup" required="required" type="password"/>

</p>

<p>

<label for="passwordsignup\_confirm" class="youpasswd">Please confirm your password  
</label>

<input id="passwordsignup\_confirm" name="passwordsignup\_confirm" required="required" type="password" />

</p>

<p class="signin button">

<input type="submit" value="Sign up" onclick="check()"/>

</p>

</form>

<p class="login button">

<input type="button" value="Login" onclick="window.location.href='register'"/>

</p>

</div>

</div>

<script>

function check()

{

var x=document.getElementById("passwordsignup").value;

var y=document.getElementById("passwordsignup\_confirm").value;

if(x!=y)

{

alert("Passwords dont match\nPress back and register again");

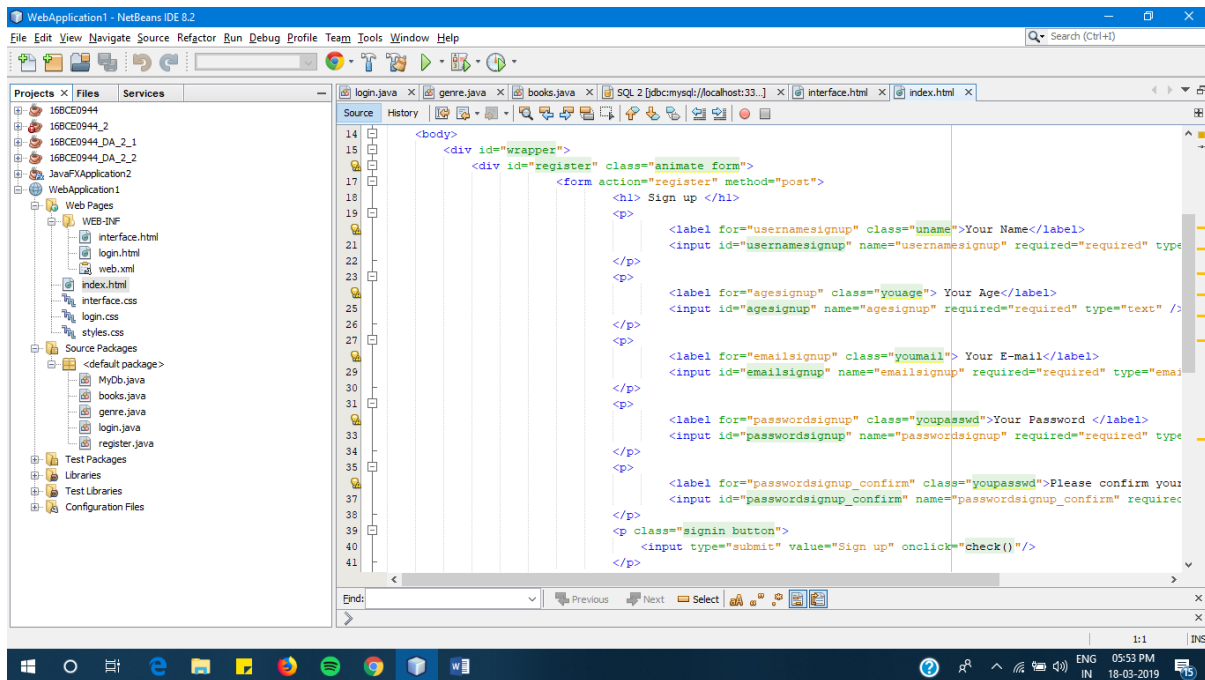
}

}

</script>

</body>

</html>



## CSS code:

```
body{
    margin-left: 25%;
    margin-right: 25%;
}

#wrapper h1{
    font-size: 48px;
    color: rgb(6, 106, 117);
    padding: 2px 0 10px 0;
    font-family: 'FranchiseRegular','Arial Narrow',Arial,sans-serif;
    font-weight: bold;
    text-align: center;
    padding-bottom: 30px;
}

input {
    outline: none;
}

#wrapper input:not([type="radiobutton"]){
    width: 92%;
    margin-top: 4px;
    padding: 10px 5px 10px 32px;
    border: 1px solid rgb(178, 178, 178);
    box-sizing : content-box;
    border-radius: 3px;
    box-shadow: 0px 1px 4px 0px rgba(168, 168, 168, 0.6) inset;
```

```
}
```

```
#wrapper p.button input{  
    width: 30%;  
    cursor: pointer;  
    background: rgb(61, 157, 179);  
    padding: 8px 5px;  
    font-family: 'BebasNeueRegular','Arial Narrow',Arial,sans-serif;  
    color: #fff;  
    font-size: 24px;  
    border: 1px solid rgb(28, 108, 122);  
    margin-bottom: 10px;  
    text-shadow: 0 1px 1px rgba(0, 0, 0, 0.5);  
    border-radius: 3px;  
    box-shadow:  
        0px 1px 6px 4px rgba(0, 0, 0, 0.07) inset,  
        0px 0px 0px 3px rgb(254, 254, 254),  
        0px 5px 3px 3px rgb(210, 210, 210);  
}
```

```
#wrapper p.button input:hover{  
    background: rgb(74, 179, 198);  
}
```

```
#wrapper p.button input:focus{  
    background: rgb(40, 137, 154);  
    position: relative;  
    border: 1px solid rgb(12, 76, 87);
```

```
        box-shadow: 0px 1px 6px 4px rgba(0, 0, 0, 0.2) inset;
    }
    p.signin.button{
        text-align: right;
        margin: 5px 0;
    }
    p.login.button{
        text-align: right;
        margin: 5px 0;
    }
    #register{
        z-index: 21;
    }
```

JAVA Db WebApp x +

localhost:8080/WebApplication1/

## Sign up

Your Name

Your Age

Your E-mail

Your Password

Please confirm your password

Sign up

Login

Windows taskbar: 05:42 PM, 18-03-2019

## **Step 2 : Creating User Database to store the User SignUp Information.**

### **Connecting servlet file-**

```
import java.io.BufferedReader;

import java.io.FileReader;

import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.servlet.RequestDispatcher;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;

import javax.servlet.http.HttpServletRequest;

import javax.servlet.http.HttpServletResponse;

public class register 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. */

            String usernamesignup = request.getParameter("usernamesignup");

            String agesignup = request.getParameter("agesignup");

            String emailsignup = request.getParameter("emailsignup");

            String passwordsignup = request.getParameter("passwordsignup");

            MyDb db=new MyDb();
```

```

        Connection con=db.getCon();

        Statement stmt=con.createStatement();

        if(usernamesignup!=null)
        {
            stmt.executeUpdate("insert into user (username,age,email,password)
values('"+usernamesignup+"','"+agesignup+"','"+emailsingup+"','"+passwordsignup+"')");

            out.println("Table Updated");

        }

        RequestDispatcher rd = request.getRequestDispatcher("/WEB-INF/login.html");

        rd.include(request, response);

    } catch (SQLException ex) {

        Logger.getLogger(register.class.getName()).log(Level.SEVERE, null, ex);

    }

}

protected void doGet(HttpServletRequest request, HttpServletResponse response)

    throws ServletException, IOException {

    processRequest(request, response);

}

protected void doPost(HttpServletRequest request, HttpServletResponse response)

    throws ServletException, IOException {

    processRequest(request, response);

}

    public String getServletInfo() {

        return "Short description";

    }

}

```



NetBeans IDE 8.2

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

Search (Ctrl+F)

Projects: Databases, MySQL Server at localhost:3306 [root], information\_schema, mydb, mysql, performance\_schema, phpmyadmin, phppot\_examples, test, Java DB, Drivers, jdbc:derby://localhost:1527/sample [app on APP], jdbc:mysql://localhost:3306/mydb?zeroDateTimeBehavior=convertToNull...

SQL 2 [jdbc:mysql://localhost:3306/mydb?zeroDateTimeBehavior=convertToNull...]

```

1 SELECT * FROM `user` LIMIT 100;
2

```

End: Previous Next Select

SELECT \* FROM `user` LIMIT 100; Matching Rows: 15

#	username	age	email	password
1	Alshay	20	alshay34arora@gmail.com	12345
2	Pushkar	21	pushkar@gmail.com	qwerty
3	abc	12	sdfg@hsdf.com	pgow
4	ukgj	67	ugyft@erfg.com	0987
5	Push	20	p@gmail.com	P123
6	qwerty	9	qwerty@gmail.com	qwerty123
7	java	25	java@gmail.com	java123
8	java	25	java@gmail.com	java123
9	java	25	java@gmail.com	java123
10	java	25	java@gmail.com	java123
11	java	25	java@gmail.com	java123
12	java	25	java@gmail.com	java123
13	hello	12	hbd@hbsjdf.com	abcd
14	16bce0944	20	alshay34arora@gmail.com	16bce0944
15	16bce0944	20	alshay34arora@gmail.com	16bce0944

1:1 INS

WebApplication1 - NetBeans IDE 8.2

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

Search (Ctrl+F)

Projects: 16bce0944, 16bce0944\_2, 16bce0944\_DA\_2\_1, 16bce0944\_DA\_2\_2, JavaFXApplication2, WebApplication1, Web Pages, WEB-INF, interface.html, login.html, web.xml, index.html, interface.css, login.css, styles.css, Source Packages, <default package>, MyDb.java, books.java, genre.java, login.java, register.java, Test Packages, Libraries, Test Libraries, Configuration Files

SQL 2 [jdbc:mysql://localhost:3306/mydb?zeroDateTimeBehavior=convertToNull...]

```

37 protected void processRequest(HttpServletRequest request, HttpServletResponse response)
38     throws ServletException, IOException {
39     response.setContentType("text/html;charset=UTF-8");
40     try (PrintWriter out = response.getWriter()) {
41         /* TODO output your page here. You may use following sample code. */
42         String usernamesignup = request.getParameter("usernamesignup");
43         String agesignup = request.getParameter("agesignup");
44         String emailsignup = request.getParameter("emailsignup");
45         String passwordsignup = request.getParameter("passwordsignup");
46
47
48
49
50         MyDb db=new MyDb();
51         Connection con=db.getCon();
52         Statement stmt=con.createStatement();
53         if (usernamesignup!=null)
54         {
55             stmt.executeUpdate("insert into user (username,age,email,password) values ('"+usernamesignup+"','"+agesignup+"','"+emailsignup+"','"+passwordsignup+"')");
56             out.println("Table Updated");
57         }
58
59         RequestDispatcher rd = request.getRequestDispatcher("/WEB-INF/login.html");
60         rd.include(request, response);
61     } catch (SQLException ex) {
62         Logger.getLogger(register.class.getName()).log(Level.SEVERE, null, ex);
63     }
64 }

```

End: Previous Next Select

register processRequest try stmt

52:46 INS

## Step 3: Creating Login Page

### HTML code:

```
<!DOCTYPE html>
```

```
<!--
```

To change this license header, choose License Headers in Project Properties.

To change this template file, choose Tools | Templates

and open the template in the editor.

```
-->
```

```
<html>
```

```
  <head>
```

```
    <title>Login</title>
```

```
    <meta charset="UTF-8">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <link rel="stylesheet" href="login.css">
```

```
  </head>
```

```
  <body>
```

```
    <div id="wrapper">
```

```
      <div id="login" class="animate form" style="width:50%;top:15%; margin-left:-5%;">
```

```
    <form action="login" method="post">
```

```
    <h1>Log in</h1>
```

```
    <p>
```

```
    <label for="username" class="uname" > Your Username </label>
```

```
    <input id="username" name="username" required="required" type="text"/>
```

```
    </p>
```

```
    <p>
```

```
    <label for="password" class="youpasswd"> Your password </label>
```

```
      <input id="password" name="password" required="required" type="password"/>
```

</p>

<p class="login button">

<input type="submit" value="Login" />

</p>

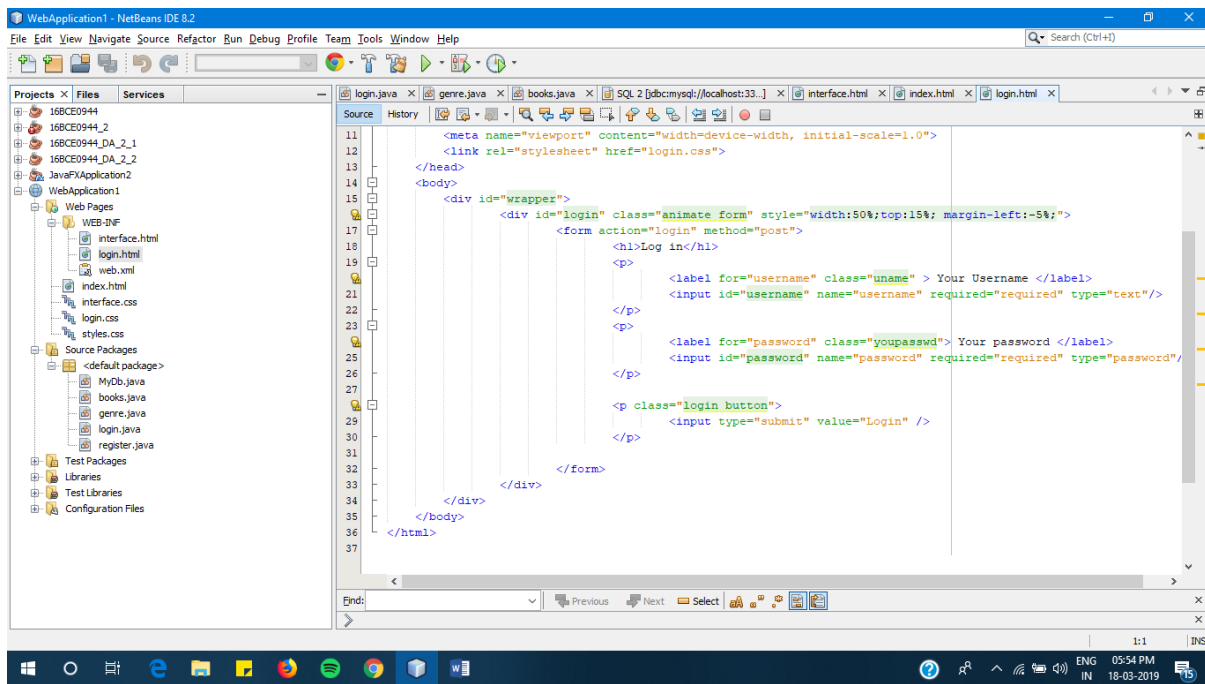
</form>

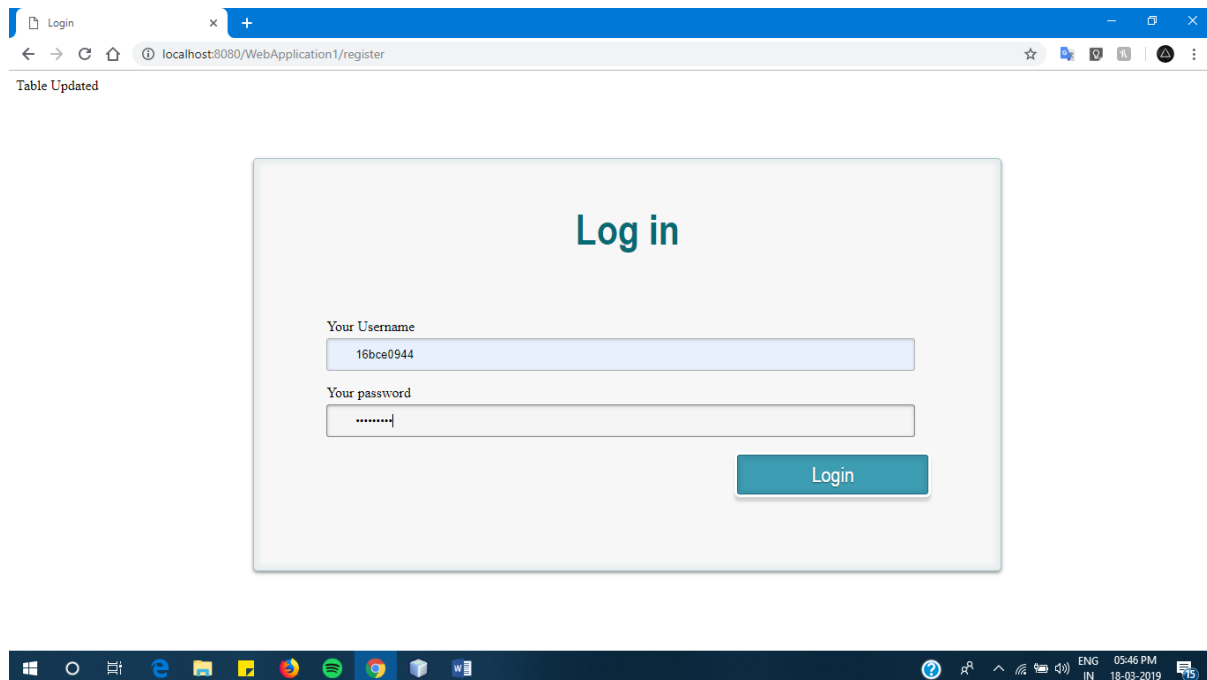
</div>

</div>

</body>

</html>





#### **SERVELET FILE-**

```
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.servlet.RequestDispatcher;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
protected void processRequest(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
```

```

response.setContentType("text/html;charset=UTF-8");
try (PrintWriter out = response.getWriter()) {
    String username = request.getParameter("username");
    String password = request.getParameter("password");

    MyDb db=new MyDb();
    Connection con=db.getCon();
    Statement stmt=con.createStatement();
    ResultSet rs=stmt.executeQuery("select username,password from user");
    int flag=0;
    while(rs.next())
    {
        String uname=rs.getString("username");
        String pass=rs.getString("password");
        if(uname.compareTo(username)==0)
        {
            if(pass.compareTo(password)==0)
            {
                out.println("Welcome "+username);

                RequestDispatcher rd = request.getRequestDispatcher("/WEB-INF/interface.html");
                rd.include(request, response);
                flag=1;
                break;
            }
        }
    }
}

```

```

    }

    if(flag==0)
    {
        out.println("Wrong Username or Password");
    }

} catch (SQLException ex) {

    Logger.getLogger(register.class.getName()).log(Level.SEVERE, null, ex);

}

}

@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);
}

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

}

```

#### Step 4: Creating an interface for selecting specific genre of book.

##### HTML code:

```
<!DOCTYPE html>

<html>

  <head>

    <title>Library Management System</title>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <link rel="stylesheet" href="styles.css">

  </head>

  <body style="font-family: 'FranchiseRegular','Arial Narrow',Arial,sans-serif;">

    <div id="wrapper">

      <h1>Book Rental Service</h1>

      <h2>Select Genre to get Books</h2>

      <div id="genres">

        <form action="genre" method="post">

          <input type="radio" name="genre" value="thriller" style="width:2em; height:2em;
margin-bottom: 15px; margin-right: 10px;" checked><span style="font-
size:25px;">Thriller</span><br>

          <input type="radio" name="genre" value="comedy" style="width:2em; height:2em;
margin-bottom: 15px;margin-right: 10px;"><span style="font-size:25px;">Comedy</span><br>

          <input type="radio" name="genre" value="mystery" style="width:2em; height:2em;
margin-bottom: 15px;margin-right: 10px;"><span style="font-size:25px;">Mystery</span><br>

          <input type="radio" name="genre" value="drama" style="width:2em; height:2em;
margin-bottom: 15px;margin-right: 10px;"><span style="font-size:25px;">Drama</span>

          <p class="genre button">

            <input type="submit" value="Select Genre" />

          </p>

        </form>

      </div>

    </div>

  </body>

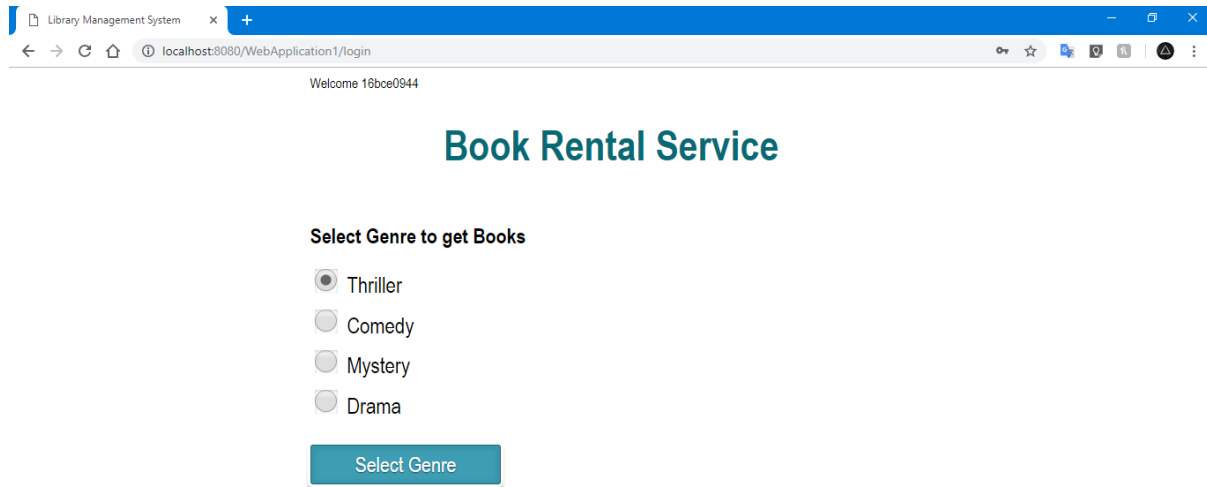
</html>
```

</div>

</div>

</body>

</html>



## Step 5 : Displaying the books of selected genre

### SERVELET FILE-

```
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.Connection;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
```



```

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

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. */

        String genre = request.getParameter("genre").toUpperCase();

        out.println("<head><title>"+genre+"</title></head>");

        out.println("<body style=margin-left:10%;margin-right:10%;font-
family:'FranchiseRegular','Arial Narrow',Arial,sans-serif;><h1
style=color:rgb(74,179,198);>"+genre+"</h1><br>");

        out.println("<p style=font-weight:bold;font-
size:25px;>&emsp;&emsp;&emsp;&emsp;Title&emsp;&emsp;&emsp;&emsp;&emsp;&emsp;|
&emsp;&emsp;&emsp;Authors&emsp;&emsp;&emsp;| &emsp;&emsp;&emsp;Year of
Publication&emsp;| &emsp;Rating</p><br>");

        MyDb db=new MyDb();

        Connection con=db.getCon();

        Statement stmt=con.createStatement();

        ResultSet rs=stmt.executeQuery("select * from books where (genre='"+genre+"'");

        out.println("<div id=\"wrapper\"><form action=books method=post> ");

        while(rs.next())
        {
            String bookid=rs.getString("book_id");

            String bookscount=rs.getString("books_count");

            String authors=rs.getString("authors");

            String year=rs.getString("year");

            String title=rs.getString("title");

```

```
String rating=rs.getString("rating");
```

```
        out.println("<div style=background-color:rgb(138,206,218);padding-left:14px;padding-top:15px;margin-bottom:2px;border-radius:25px;><input type=checkbox name=book value='"+bookid+"' style=\"width:1.5em; height:1.5em; margin-bottom: 25px; margin-right: 10px;\">
```

```
        out.println("<span><b>" + title + "</b>&emsp;|&emsp;" + authors + "&emsp;|&emsp;" + year + "&emsp;|&emsp;" + rating + "</span><br></div>");
```

```
    }
```

```
        out.println("<p class=\"signin button\"><input type=submit value=\"Select Books\" style=width:15%;position:absolute;left:0;margin-left:10%;margin-top:3%;margin-bottom:5%;cursor:pointer;background:rgb(61,157,179);padding-left:5px;padding-right:5px;padding-top:8px;padding-bottom:8px;color:#000;font-size:24px;border-radius:15px;></p></form></div>");
```

```
    } catch (SQLException ex) {
```

```
        Logger.getLogger(genre.class.getName()).log(Level.SEVERE, null, ex);
```

```
    }
```

```
}
```

```
@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 {
```

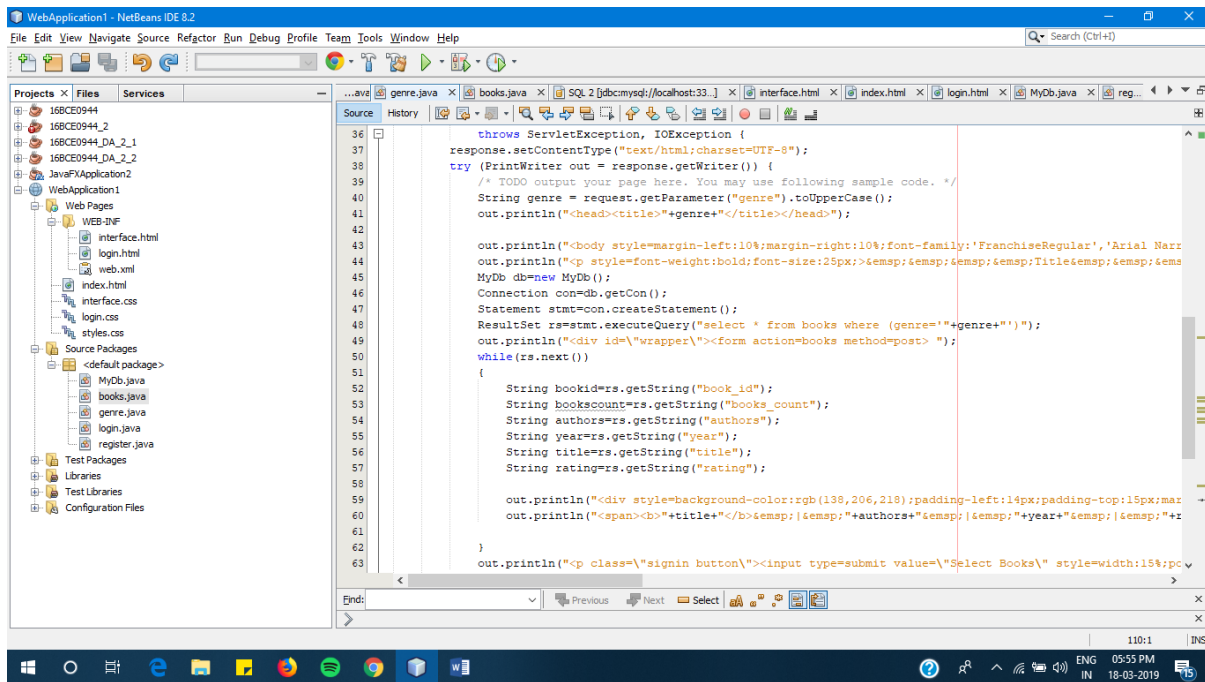
```
    processRequest(request, response);
```

```

} // </editor-fold>

```

}










BOOKS BY GENRE

THRILLER

localhost:8080/WebApplication1/genre








THRILLER

Title	Authors	Year of Publication	Rating
 Harry Potter and the Half-Blood Prince (Harry Potter, #6)	J.K. Rowling, Mary GrandPrÃ©	2005	4.54
 Harry Potter and the Prisoner of Azkaban (Harry Potter, #3)	J.K. Rowling, Mary GrandPrÃ©, Rufus Beck	1999	4.53
 Harry Potter and the Goblet of Fire (Harry Potter, #4)	J.K. Rowling, Mary GrandPrÃ©	2000	4.53
 The Lord of the Rings: Weapons and Warfare	Chris Smith, Christopher Lee, Richard Taylor	2000	4.53
 The Complete Novels	Jane Austen	1813	4.55
 The Complete Maus	Art Spiegelman	1986	4.53
 The Return of the King (The Lord of the Rings #3)	J.R.R. Tolkien	1955	4.51

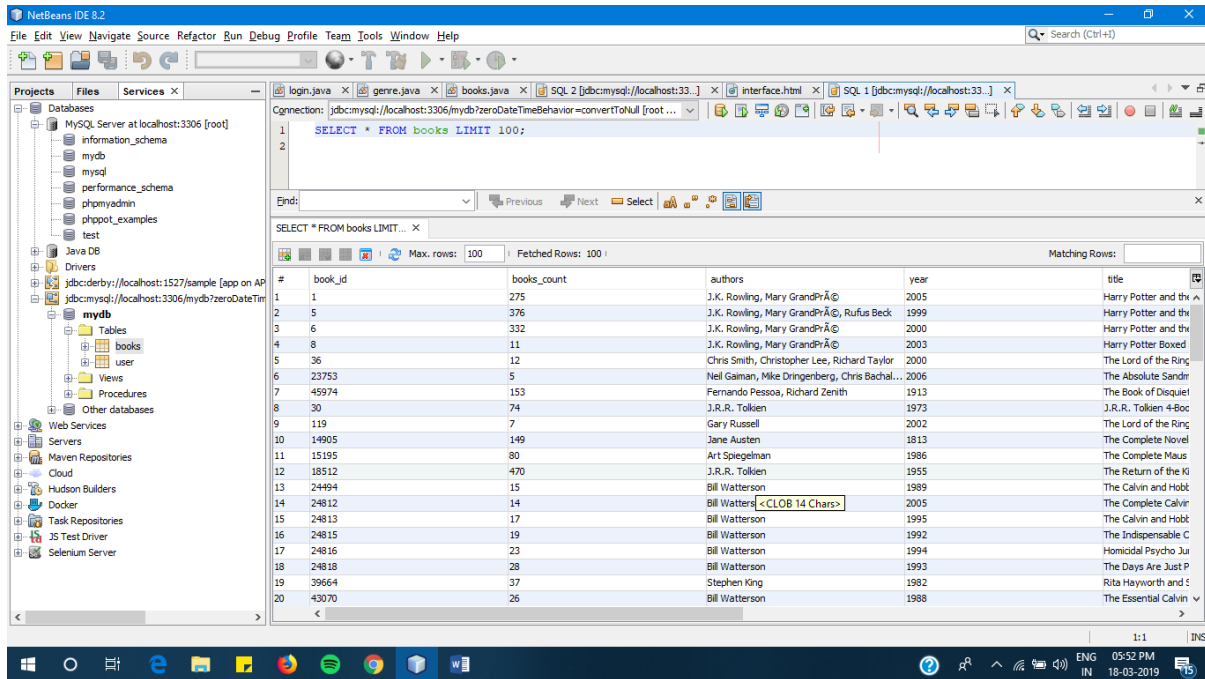
THRILLER

localhost:8080/WebApplication1/genre

THRILLER

Title	Authors	Year of Publication	Rating
 Harry Potter and the Half-Blood Prince (Harry Potter, #6)	J.K. Rowling, Mary GrandPrÃ©	2005	4.54
 Harry Potter and the Prisoner of Azkaban (Harry Potter, #3)	J.K. Rowling, Mary GrandPrÃ©, Rufus Beck	1999	4.53
 Harry Potter and the Goblet of Fire (Harry Potter, #4)	J.K. Rowling, Mary GrandPrÃ©	2000	4.53
 The Lord of the Rings: Weapons and Warfare	Chris Smith, Christopher Lee, Richard Taylor	2000	4.53
 The Complete Novels	Jane Austen	1813	4.55
 The Complete Maus	Art Spiegelman	1986	4.53
 The Return of the King (The Lord of the Rings #3)	J.R.R. Tolkien	1955	4.51

## Book Database



### Step 6: Displaying the details of selected books.

#### SERVELET

```
import java.io.IOException;

import java.io.PrintWriter;

import java.sql.Connection;

import java.sql.ResultSet;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.Arrays;

import java.util.List;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.servlet.ServletException;

import javax.servlet.http.HttpServlet;
```

```

import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;

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("<head><title>Books Selected</title></head>");

        out.println("<body style=margin-left:10%;margin-right:10%;font-
family:'FranchiseRegular','Arial Narrow',Arial,sans-serif;><h1
style=color:rgb(74,179,198);>Books Selected</h1><br>");

        String[] book = request.getParameterValues("book");

        MyDb db=new MyDb();
        Connection con=db.getCon();
        Statement stmt=con.createStatement();
        for(String s:book)
        {
            ResultSet rs=stmt.executeQuery("select * from books where (book_id='"+s+"'");
            while(rs.next())
            {
                String bookid=rs.getString("book_id");
                String bookscount=rs.getString("books_count");
                String authors=rs.getString("authors");
                String year=rs.getString("year");
                String title=rs.getString("title");
                String genre=rs.getString("genre");
                String language=rs.getString("language");
            }
        }
    }
}

```

```

        String rating=rs.getString("rating");

        String image_url=rs.getString("image_url");

        out.println("<img src='"+image_url+"' style=margin-bottom:5%;><span style=font-
weight:bold;position:absolute;margin-left:5%;font-size:20px;>"+title+"</span><span
style=position:absolute;margin-top:3%;margin-left:5%;><b>BookID =
</b>"+bookid+"</span><span style=position:absolute;margin-top:5%;margin-
left:5%;><b>Books Available = </b>"+bookscount+"</span><span
style=position:absolute;margin-top:7%;margin-left:5%;><b>Author(s) =
</b>"+authors+"</span><span style=position:absolute;margin-top:3%;margin-
left:25%;><b>Pubication Year = </b>"+year+"</span><span style=position:absolute;margin-
top:9%;margin-left:5%;><b>Book Genre = </b>"+genre+"</span><span
style=position:absolute;margin-top:5%;margin-left:25%;><b>Language =
</b>"+language+"</span><span style=position:absolute;margin-top:9%;margin-
left:25%;><b>Rating = </b>"+rating+"</span><br>");

        //out.println(bookid+" "+bookscount+" "+authors+" "+year+" "+title+" "+genre+"
"+language+" "+rating+"<br>");

    }

}

} catch (SQLException ex) {

    Logger.getLogger(books.class.getName()).log(Level.SEVERE, null, ex);

}

}

@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);

```

```
}
```

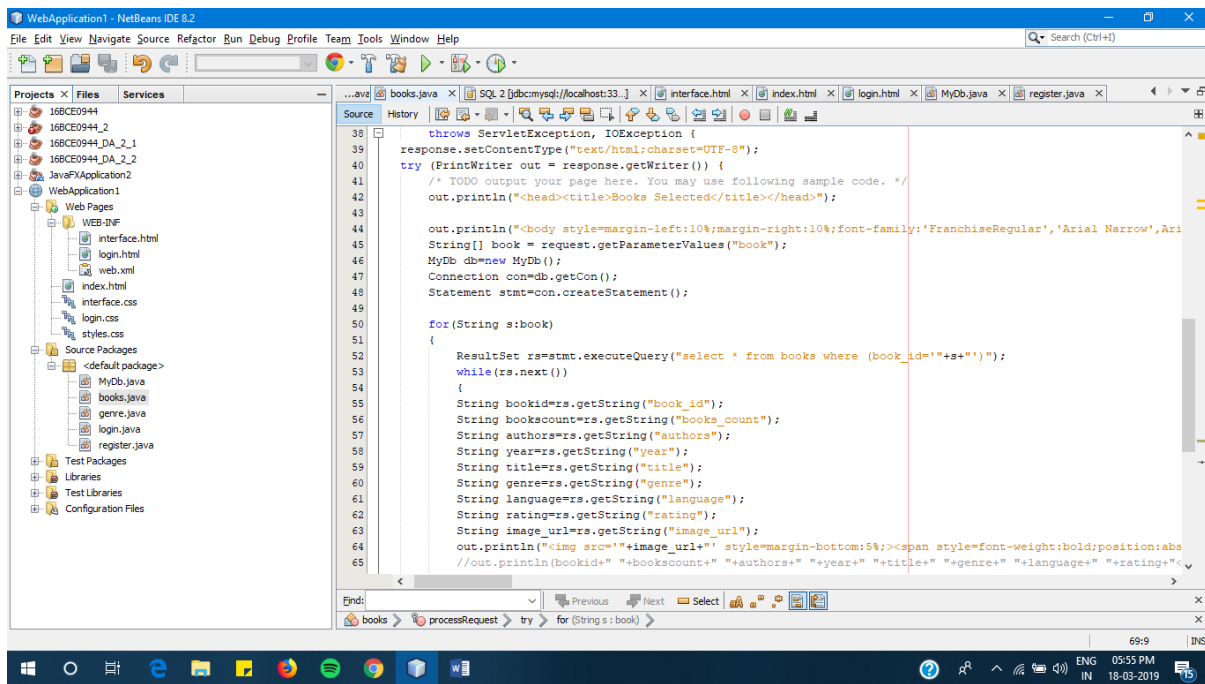
```
@Override
```

```
public String getServletInfo() {
```

```
    return "Short description";
```

```
}// </editor-fold>
```

```
}
```

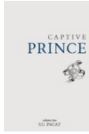




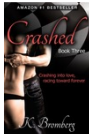
Books Selected

localhost:8080/WebApplication1/books


### Books Selected



**Captive Prince: Volume Two (Captive Prince #2)**  
BookID = 17158513      Pubication Year = 2015  
Books Available = 20      Language = eng  
Author(s) = C.S. Pacat  
Book Genre = thriller      Rating = 4.51



**Crashed (Driven #3)**  
BookID = 17880714      Pubication Year = 2014  
Books Available = 20      Language = eng  
Author(s) = K. Bromberg  
Book Genre = thriller      Rating = 4.56

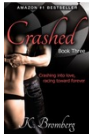


**Skin Game (The Dresden Files #15)**  
BookID = 19486421      Pubication Year = 2014  
Books Available = 20      Language = eng  
Author(s) = Jim Butcher  
Book Genre = thriller      Rating = 4.55


Windows taskbar: 05:53 PM, 18-03-2019

Books Selected


localhost:8080/WebApplication1/books



**Crashed (Driven #3)**  
BookID = 17880714      Pubication Year = 2014  
Books Available = 20      Language = eng  
Author(s) = K. Bromberg  
Book Genre = thriller      Rating = 4.56



**Skin Game (The Dresden Files #15)**  
BookID = 19486421      Pubication Year = 2014  
Books Available = 20      Language = eng  
Author(s) = Jim Butcher  
Book Genre = thriller      Rating = 4.55



**The Nightingale**  
BookID = 21853621      Pubication Year = 2015  
Books Available = 90      Language = eng  
Author(s) = Kristin Hannah  
Book Genre = thriller      Rating = 4.54

Windows taskbar: 05:53 PM, 18-03-2019