National University of Modern Languages

Assignment#03

Roll # 2340

Class: BSCS 5B Morning

Subject: ADVANCE OOP

Submitted to: Mr. Imran Ahsan

Submitted by: Farhan Haider

NewStudent.jsp

```jsp
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>

        <%
        if(session.getAttribute("username")!=null)
        {

        %>
        <form action="NewStudent" method="post">
            Student Id:
            <input type="text" name="t1">
            Name:
            <input type="text" name="t2">
            Course:
            <input type="text" name="t3">
            Semester:
            <input type="text" name="t4">
            <button type="submit" value="Register">Register</button>

            <button type="submit" value="BACK"><a href="index.html">BACK</a></button>

        </form>
        <%
        }
        else{
        response.sendRedirect("login.html");
        }
        %>
    </body>
</html>
```

Newbook.jsp

```jsp
<%@page contentType="text/html" pageEncoding="UTF 8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http equiv="Content Type" content="text/html; charset=UTF 8">
        <title>JSP Page</title>
    </head>
    <body>
        <%
        if(session.getAttribute("username")!=null)
        {

        %>
        <form action="NewBook" method="post">
            Book ID:
            <input type="text" name="t1">
            BOOK NAME:
            <input type="text" name="t2">
            EDITION:
            <input type="text" name="t3">
            PUBLISHER:
            <input type="text" name="t4">
            PRICE:
            <input type="text" name="t5">
            PAGES:
            <input type="text" name="t6">
            <button type="submit" value="ADD">ADD</button>
            <button type="submit" value="BACK"><a href="index.html">BACK</a></button>

        </form>
        <%
        }
        else{
        response.sendRedirect("login.html");
        }
        %>
    </body>
</html>
```

View.jsp

```jsp
<%@page import="java.sql.ResultSet"%>
<%@page import="files.*" contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>
        <%
        if(session.getAttribute("username")!=null)
        {
        %>
        <table>
          <tr>
              <th>Book Id</th>
              <th>Book Name</th>
              <th>Edition</th>
              <th>Publisher</th>
              <th>Price</th>
              <th>Pages</th>
              <th>Student Id</th>
              <th>Student Name</th>
              <th>Course</th>
              <th>Semester</th>
              <th>Date of Issue</th>
              <th>Date of Return</th>
          </tr>
          <%
            ReturnDao d = new ReturnDao();
            ResultSet res = d.Record();

            while (res.next()) {
          %>
          <tr class="success">
            <td>
                <%=res.getString(1)%>
            </td>
```

```html
<td>
    <%=res.getString(2)%>
</td>
<td>
    <%=res.getString(3)%>
</td>
<td>
    <%=res.getString(4)%>
</td>
<td>
    <%=res.getString(5)%>
</td>
<td>
    <%=res.getString(6)%>
</td>
<td>
    <%=res.getString(7)%>
</td>
<td>
    <%=res.getString(8)%>
</td>
<td>
    <%=res.getString(9)%>
</td>
    <td>
        <%=res.getString(10)%>
    </td>
    <td>
        <%=res.getString(11)%>
    </td>
</tr>
<%}%>

</table>
<table>
  <tr>
    <th>Book Id</th>
    <th>Book Name</th>
```

```jsp
    <th>Edition</th>
    <th>Publisher</th>
    <th>Price</th>
    <th>Pages</th>
    <th>Student Id</th>
    <th>Student Name</th>
    <th>Course</th>
    <th>Semester</th>
    <th>Date of Issue</th>
    <th>Date of Return</th>
</tr>
<%
    ReturnDao dao = new ReturnDao();
    ResultSet rs = dao.Record2();

    while (rs.next()) {
%>
<tr class="success">
    <td>
        <%=rs.getString(1)%>
    </td>
    <td>
        <%=rs.getString(2)%>
    </td>
    <td>
        <%=rs.getString(3)%>
    </td>
    <td>
        <%=rs.getString(4)%>
    </td>
    <td>
        <%=rs.getString(5)%>
    </td>
    <td>
        <%=rs.getString(6)%>
    </td>
    <td>
        <%=rs.getString(7)%>
```

```jsp
				</td>
				<td>
					<%=rs.getString(8)%>
				</td>
				<td>
					<%=rs.getString(9)%>
				</td>
				 <td>
						<%=rs.getString(10)%>
					</td>
					 <td>
						<%=rs.getString(11)%>
					</td>
					 <td>
						<%=rs.getString(12)%>
					</td>

		</tr>
		<%}%>

	</table>
		<button type="submit" value="BACK"><a href="index
		<%
		}
	else{
	response.sendRedirect("login.html");
	}
		%>

	</body>
</html>
```

Index.html

```html
<!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>TODO supply a title</title>
    <meta charset="UTF 8">
    <meta name="viewport" content="width=device width, initial scale=1.0">
    <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></script>
  </head>
  <body>
    <h1>Library Management System</h1>
    <div class="container">
    <a href="NewBook.jsp" class="btn btn success btn lg active" role="button">New BOOK</a>
    <a href="NewStudent.jsp" class="btn btn danger btn lg active" role="button">New STUDENT</a>
    <a href="DisplayStudent" class="btn btn danger btn lg active" role="button">Display Student</a>
    <a href="click" class="btn btn info btn lg active" role="button">Issue BOOK</a>
    <a href="Click2" class="btn btn warning btn lg active" role="button">Return BOOK</a>
    <a href="viewjsp.jsp" class="btn btn primary btn lg active" role="button">Record</a>
    <a href="login.html" class="btn btn primary btn lg active" role="button">Login</a>

    <a href="Signup.html" class="btn btn primary btn lg active" role="button">SignUp</a>
</div>
  </body>
</html>
```

Signup.html

```html
<!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>TODO supply a title</title>
        <meta charset="UTF 8">
        <meta name="viewport" content="width=device width, initial scale=1.0">
    </head>
    <body>
        <form action="signup" method="post">
        Enter User Name: <input type="text" name="t1">
            <br>
            Enter Password: <input type="password" name="t2">
            <br>
            <input type="submit" value="SIGNUP">
        </form>
            <button type="submit" value="BACK"><a href="index.html">BACK</a></button>
    </body>
</html>
```

Login.html

```html
<!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>TODO supply a title</title>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
    </head>
    <body>
        <form action="validation" method="post">

            Enter UserName: <input type="text" name="t1">
            <br>
            Enter Password: <input type="password" name="t2">
            <br>
            <input type="submit" value="Login">


        </form>
    </body>
</html>
```

Validate

```java
package files;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.ResultSet;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

@WebServlet(name = "validation", urlPatterns = {"/validation"})
public class validation extends HttpServlet {

    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF 8");
        try (PrintWriter out = response.getWriter()) {
            Account a=new Account();
            AccountDao dao=new AccountDao();
            a.Username = request.getParameter("t1");
            a.Password =Integer.parseInt(request.getParameter("t2"));
            ResultSet res = dao.Authenticate(a);
            if(res.next()){
            HttpSession session = request.getSession();
                session.setAttribute("username", a.Username);
                response.sendRedirect("index.html");
            }
            else{
            response.sendRedirect("login.html");
            }
        }catch (Exception ex) {
            System.out.println(ex.toString());
        }
    }
}
```

Signup

```java
package files;

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

@WebServlet(name = "signup", urlPatterns = {"/signup"})
public class signup extends HttpServlet {

    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF 8");
        try (PrintWriter out = response.getWriter()) {

            Account a=new Account();
            AccountDao dao=new AccountDao();
            a.Username= request.getParameter("t1");
            a.Password= Integer.parseInt(request.getParameter("t2"));
            int res = dao.Insert(a);
            if (res > 0) {

                response.sendRedirect("NewBook.html");

            }
        }
    }

}
```

NewStudent

```java
package files;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
@WebServlet(name = "NewStudent", urlPatterns = {"/NewStudent"})
public class NewStudent extends HttpServlet {
    protected void service(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            HttpSession session = request.getSession();
        if(session.getAttribute("username")!=null)
        {
Student s=new Student();
            StudentDao dao = new StudentDao();
            s.StudentId= Integer.parseInt(request.getParameter("t1"));
            s.Name = request.getParameter("t2");
            s.Course = request.getParameter("t3");
             s.Semster= Integer.parseInt(request.getParameter("t4"));
            int a = dao.Insert(s);
            if (a > 0) {
                response.sendRedirect("NewStudent.html");
            }
}
        else{
         response.sendRedirect("login.html");
        }
        }
    }
}
```

NewBook

```java
package files;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
import javax.swing.JOptionPane;
@WebServlet(name = "NewBook", urlPatterns = {"/NewBook"})
public class NewBook extends HttpServlet {
    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF 8");
        try (PrintWriter out = response.getWriter()) {
            HttpSession session = request.getSession();
            if (session.getAttribute("username") != null) {
                Book b = new Book();
                BookDao dao = new BookDao();
                b.Book_Id = Integer.parseInt(request.getParameter("t1"));
                b.Name = request.getParameter("t2");
                b.Edition = Integer.parseInt(request.getParameter("t3"));
                b.Publisher = request.getParameter("t4");
                b.Price = Integer.parseInt(request.getParameter("t5"));
                b.Page = Integer.parseInt(request.getParameter("t6"));
                int res = dao.Insert(b);
                if (res > 0) {
                    response.sendRedirect("NewBook.html");
                }
            } else {
                response.sendRedirect("login.html");
            }
        }
    }
}
```

Click2

```
package files;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
@WebServlet(name = "Click2", urlPatterns = {"/Click2"})
public class Click2 extends HttpServlet {
    protected void service(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF 8");
    try (PrintWriter out = response.getWriter()) {
       HttpSession session = request.getSession();
    if(session.getAttribute("username")!=null)
    {
Book b = new Book();
    Student s = new Student();
    IssueDao dao = new IssueDao();
    out.println("<form action='returnid' method='post'>");
    out.println("Student Id:");
    out.println("<input type='text' name='id1'>");
    out.println("<button type='submit' value='submit'>Submit</button>");
    out.println("</form>");
out.println("<button type='submit' value='BACK'><a href='index.html'>BACK</a></button> ");
}
    else{
     response.sendRedirect("login.html");
    }

    }
  }
}
```

ReturnBook

```java
package files;
import java.io.IOException;
import java.io.PrintWriter;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
@WebServlet(name = "ReturnBook", urlPatterns = {"/ReturnBook"})
public class ReturnBook extends HttpServlet {
    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            HttpSession session = request.getSession();
            if (session.getAttribute("username") != null) {
                Return r = new Return();
                ReturnDao dao = new ReturnDao();
                r.Book_Id = Integer.parseInt(request.getParameter("t1"));
                r.BName = request.getParameter("t2");
                r.Edition = Integer.parseInt(request.getParameter("t3"));
                r.Publisher = request.getParameter("t4");
                r.Price = Integer.parseInt(request.getParameter("t5"));
                r.Page = Integer.parseInt(request.getParameter("t6"));
                r.S_Id = Integer.parseInt(request.getParameter("t7"));
                r.SName = request.getParameter("t8");
                r.Course = request.getParameter("t9");
                r.Semster = Integer.parseInt(request.getParameter("t10"));
                r.Date_of_Issue = request.getParameter("t11");
                r.Date_of_Return = request.getParameter("t12");
                int a = dao.Insert(r);
                Issuebook i = new Issuebook();
                i.S_Id = Integer.parseInt(request.getParameter("t7"));
                int b = dao.Delete(i);
                if (a > 0 && b > 0) {
                    response.sendRedirect("Click2");
                }
            } else {
                response.sendRedirect("login.html");
            }
        } catch (Exception ex) {
            System.out.println(ex.toString());
        }
    }
}
```

Issue

```java
package files;

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

@WebServlet(name = "Issue", urlPatterns = {"/Issue"})
public class Issue extends HttpServlet {

    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            HttpSession session = request.getSession();

            if (session.getAttribute("username") != null) {
                Issuebook i = new Issuebook();
                IssueDao dao = new IssueDao();
                i.Book_Id = Integer.parseInt(request.getParameter("t1"));
                i.BName = request.getParameter("t2");
                i.Edition = Integer.parseInt(request.getParameter("t3"));
                i.Publisher = request.getParameter("t4");
                i.Price = Integer.parseInt(request.getParameter("t5"));
                i.Page = Integer.parseInt(request.getParameter("t6"));
                i.S_Id = Integer.parseInt(request.getParameter("t7"));
                i.SName = request.getParameter("t8");
                i.Course = request.getParameter("t9");
                i.Semster = Integer.parseInt(request.getParameter("t10"));
                i.Date_of_Issue = request.getParameter("t11");
                int a = dao.Insert(i);
                if (a > 0) {
                    response.sendRedirect("NewStudent.html");
                }

            } else {
                response.sendRedirect("login.html");
            }

        }
    }

}
```

Edit

```java
package files;
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.ResultSet;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
@WebServlet(name = "Edit", urlPatterns = {"/Edit"})
public class Edit extends HttpServlet {
    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            HttpSession session = request.getSession();
            if (session.getAttribute("username") != null) {
                Student s = new Student();
                StudentDao d = new StudentDao();
                s.StudentId = Integer.parseInt(request.getParameter("id"));
                ResultSet rs = d.SelectById(s);
                rs.next();
                {
                    out.println("<form action='update'  method='Post'>");
                    out.println("Id");
                    out.println("<input type='text'  value='" + rs.getString(1) + "' name='t1'>");
                    out.println("<br>");
                    out.println("Name");
                    out.println("<input type='text' value='" + rs.getString(2) + "' name='t2'>");
                    out.println("<br>");
                    out.println("Designation");
                    out.println("<input type='text'  value='" + rs.getString(3) + "' name='t3'>");
                    out.println(" <br>");
                    out.println("Salary");
                    out.println("<input type='text'   value='" + rs.getString(4) + "' name='t4'>");
                    out.println("<input type='submit' value='Update'>");
                    out.println(" </form>");
                }
            } else {
                response.sendRedirect("login.html");
            }
        } catch (Exception ex) {
            System.out.println(ex.toString());
        }
    }
}
```

Update

```java
package files;

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

@WebServlet(name = "update", urlPatterns = {"/update"})
public class update extends HttpServlet {

    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            HttpSession session = request.getSession();

            if(session.getAttribute("username")!=null)
            {
Student s=new Student();
                StudentDao dao = new StudentDao();
                s.StudentId= Integer.parseInt(request.getParameter("t1"));
                s.Name = request.getParameter("t2");
                s.Course = request.getParameter("t3");
                 s.Semster= Integer.parseInt(request.getParameter("t4"));

                int a = dao.Update(s);
                if (a > 0) {
                    response.sendRedirect("DisplayStudent");
                }

}
            else{
             response.sendRedirect("login.html");
            }


            }
        }


    }
```

Click

```java
package files;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.ResultSet;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

@WebServlet(name = "click", urlPatterns = {"/click"})
public class click extends HttpServlet {

    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            HttpSession session = request.getSession();
        if(session.getAttribute("username")!=null)
        {

          Book b = new Book();
           Student s = new Student();
        IssueDao dao = new IssueDao();
        out.println("<form action='issueid' method='post'>");
        out.println("BOOK ID:");
        out.println("<input type='text' name='id1'>");
        out.println("Student ID:");
        out.println("<input type='text' name='id2'>");
        out.println("<button type='submit' value='submit'>Submit</button>");
        out.println("</form>");
        out.println("<button type='submit' value='BACK'><a href='index.html'>BACK</a></button> ");
}
        else{
         response.sendRedirect("login.html");
        }
        }catch(Exception ex){
           System.out.println(ex.toString());
        }
    }
}
```

DisplayStudent

```java
package files;

import java.io.IOException;
import java.io.PrintWriter;
import java.sql.ResultSet;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;

@WebServlet(name = "DisplayStudent", urlPatterns = {"/DisplayStudent"})
public class DisplayStudent extends HttpServlet {

    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            HttpSession session = request.getSession();
            if (session.getAttribute("username") != null) {
                StudentDao d = new StudentDao();
                ResultSet rs = d.SelectAll();
                out.println("<table style='border:1px solid Black;'>");
                out.println("<tr>");
                out.println("<th>");
                out.println("ID");
                out.println("</th>");
                out.println("<th>");
                out.println("Name");
                out.println("</th>");
                out.println("<th>");
                out.println("Course");
                out.println("</th>");
                out.println("<th>");
                out.println("Semester");
                out.println("</th>");
                out.println("<th>");
                out.println("Update");
                out.println("</th>");
                out.println("</tr>");
                while (rs.next()) {
                    int id = Integer.parseInt(rs.getString(1));
                    out.println("<tr>");
                    out.println("<td>" + rs.getString(1) + "</td>");
                    out.println("<td>" + rs.getString(2) + "</td>");
                    out.println("<td>" + rs.getString(3) + "</td>");
```

```java
            out.println("<td>" + rs.getString(4) + "</td>");
            out.println("<td><a href='Edit?id=" + id + "'>Edit</a> </td>");
            out.println("</tr>");
        }
        out.println("</table>");
        out.println("   <button type='submit' value='BACK'><a href='index.html'>BACK</a></button> ");
    } else {
        response.sendRedirect("login.html");
    }

    } catch (Exception ex) {
        System.out.println(ex.toString());
    }
}

}
```

IssueId

```java
package files;
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.ResultSet;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
@WebServlet(name = "issueid", urlPatterns = {"/issueid"})
public class issueid extends HttpServlet {
    protected void service(HttpServletRequest request, HttpServletResponse response)
            throws ServletException, IOException {
        response.setContentType("text/html;charset=UTF-8");
        try (PrintWriter out = response.getWriter()) {
            HttpSession session = request.getSession();
            if (session.getAttribute("username") != null) {
                Book b = new Book();
                Student s = new Student();
                IssueDao dao = new IssueDao();
                b.Book_Id = Integer.parseInt(request.getParameter("id1"));
                ResultSet rs1 = dao.SearchB(b);
                s.StudentId = Integer.parseInt(request.getParameter("id2"));
                ResultSet rs2 = dao.SearchS(s);
                if (rs1.next() && rs2.next()) {
                    out.println("<form action='Issue' method='post'>");
                    out.println("Book ID:");
                    out.println(" <input type='text' value='" + rs1.getString(1) + "' name='t1'>");
                    out.println("BOOK NAME:");
                    out.println(" <input type='text'  value='" + rs1.getString(2) + "'  name='t2'>");
                    out.println("EDITION:");
                    out.println(" <input type='text' value='" + rs1.getString(3) + "'  name='t3'>");
                    out.println("PUBLISHER:");
                    out.println(" <input type='text' value='" + rs1.getString(4) + "'  name='t4'>");
                    out.println("PRICE:");
                    out.println(" <input type='text' value='" + rs1.getString(5) + "'  name='t5'>");
                    out.println(" PAGES:");
                    out.println(" <input type='text' value='" + rs1.getString(6) + "'  name='t6'>");
                    out.println("  Student Id:");
                    out.println(" <input type='text'  value='" + rs2.getString(1) + "' name='t7'>");
                    out.println("Name:");
                    out.println(" <input type='text' value='" + rs2.getString(2) + "'  name='t8'>");
                    out.println("Course:");
                    out.println(" <input type='text' value='" + rs2.getString(3) + "'  name='t9'>");
                    out.println("Semester:");
                    out.println(" <input type='text' value='" + rs1.getString(1) + "'  name='t10'>");
```

```java
                out.println(" Date of Issue:");
                out.println(" <input type='text'  name='t11'>");
                out.println("   <button type='submit' value='Issue'>Issue</button> ");
                out.println("   <button type='submit' value='BACK'><a href='index.html'>BACK</a></button> ");

                out.println(" </form>");
            } else {
                out.println("<strong Style=\"background-color:red;color:white;padding:10px;\">Wrong Searching</strong>");
                out.println("   <button type='submit' value='BACK'><a href='click'>BACK</a></button> ");
            }

        } else {
            response.sendRedirect("login.html");
        }

    } catch (Exception ex) {
        System.out.println(ex.toString());
    }
}

}
```

ReturnId

```java
package files;
import java.io.IOException;
import java.io.PrintWriter;
import java.sql.ResultSet;
import javax.servlet.ServletException;
import javax.servlet.annotation.WebServlet;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
import javax.servlet.http.HttpSession;
@WebServlet(name = "returnid", urlPatterns = {"/returnid"})
public class returnid extends HttpServlet {
  protected void service(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
    response.setContentType("text/html;charset=UTF-8");
    try (PrintWriter out = response.getWriter()) {
      HttpSession session = request.getSession();
    if(session.getAttribute("username")!=null)
    {
  Issuebook i = new Issuebook();
  ReturnDao dao =new ReturnDao();
   i.S_Id = Integer.parseInt(request.getParameter("id1"));
  ResultSet rs=dao.Search(i);
  if(rs.next()){
  out.println("<form action='ReturnBook' method='post'>");
    out.println("Book ID:");
    out.println(" <input type='text' value='"+rs.getString(1)+"' name='t1'>");
    out.println("BOOK NAME:");
      out.println(" <input type='text'  value='"+rs.getString(2)+"'  name='t2'>");
     out.println("EDITION:");
      out.println(" <input type='text' value='"+rs.getString(3)+"'  name='t3'>");
     out.println("PUBLISHER:");
      out.println(" <input type='text' value='"+rs.getString(4)+"'  name='t4'>");
     out.println("PRICE:");
      out.println(" <input type='text' value='"+rs.getString(5)+"'  name='t5'>");
    out.println(" PAGES:");
   out.println(" <input type='text' value='"+rs.getString(6)+"'  name='t6'>");
     out.println("  Student Id:");
  out.println(" <input type='text'  value='"+rs.getString(7)+"' name='t7'>");
   out.println("Name:");
   out.println(" <input type='text' value='"+rs.getString(8)+"'  name='t8'>");
   out.println("Course:");
  out.println(" <input type='text' value='"+rs.getString(9)+"'  name='t9'>");
   out.println("Semester:");
   out.println(" <input type='text' value='"+rs.getString(10)+"'  name='t10'>");
   out.println(" Date of Issue:");
   out.println(" <input type='text' value='"+rs.getString(11)+"' name='t11'>");
```

```java
    out.println(" Date of Return:");
    out.println(" <input type='text'  name='t12'>");
     out.println("   <button type='submit' value='Return'>Return</button> ");
     out.println("   <button type='submit' value='BACK'><a href='index.html'>BACK</a></button> ");

   out.println(" </form>");
   }
   else{
    out.println("<strong Style=\"background-color:red;color:white;padding:10px;\">Wrong Searching</strong>");
   out.println("   <button type='submit' value='BACK'><a href='click'>BACK</a></button> ");
   }
}
   else{
    response.sendRedirect("login.html");
   }

   }catch(Exception ex){
     System.out.println(ex.toString());
   }
  }
 }


}
```

Output:

Library Management System

New BOOK New STUDENT Display Student Issue BOOK Return BOOK Record Login SignUp

SignUp Form

Enter UserName

FARHAN

Enter Password

••••

SIGNUP BACK

Login Form

Enter UserName
FARHAN

Enter Password
••••

Login

NewBook

Book ID
3

BOOK NAME
WHO KILL SARA?

EDITION
3

PUBLISHER
Steve

PRICE
1230

PAGES
498

ADD   BACK

New Student

Student Id
3

Name
Jane

Course
ARTIST

Semester
2

Register   BACK

ID	Name	Course	Semester	Update
1	STILES	SCIENCE	5	Edit
2	SCOTT	ECONOMICS	8	Edit
3	Jane	ARTIST	2	Edit

BACK

Editing the Student

Student Id

3

Name

ELEVEN

Course

ARTIST

Semester

2

Update BACK

Issue Book

BOOK ID

3

Student ID

3

Search BACK

Issue Book

Book ID

3

BOOK NAME

WHO KILL SARA?

EDITION

3

PUBLISHER

Steve

PRICE

1230

PAGES

498

Student Id

3

Name

ELEVEN

Course

ARTIST

Semester

3

Date of Issue

29/8/22

[Issue] [BACK]

Return Book

Student Id

2

[Search] [BACK]

Return Book

Book ID

1

BOOK NAME

PYTHON

EDITION

2

PUBLISHER

JAMES

PRICE

2000

PAGES

340

Student Id

2

Name

SCOTT

Course

ECONOMICS

Semester

1

Date of Issue

11/6/22

Date of Return

1/7/22

Return BACK

Issue Book Record

Book Id	Book Name	Edition	Publisher	Price	Pages	Student Id	Student Name	Course	Semester	Date of Issue
3	WHO KILL SARA?	3	Steve	1230	498	3	ELEVEN	ARTIST	3	29/8/22

Return Book Record

Book Id	Book Name	Edition	Publisher	Price	Pages	Student Id	Student Name	Course	Semester	Date of Issue	Date of Return
1	PYTHON	2	JAMES	2000	340	1	STILES	SCIENCE	1	2/5/22	2/6/22
1	PYTHON	2	JAMES	2000	340	1	STILES	SCIENCE	1	2/5/22	3/6/22
2	C	3	JOHN	1700	240	2	SCOTT	ECONOMICS	2	12/6/22	
1	PYTHON	2	JAMES	2000	340	2	SCOTT	ECONOMICS	1	11/6/22	1/7/22

BACK