Lab - 8

18mis7250

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Introduction to JSP

Index.html

```html
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h2 align="center">Enter Student Details</h2>
<form action=process.jsp>
<table border="1px" align="center">
<tr>
<td><label>Registration No.</label></td>
<td><input type="text" name=regno /></td>
</tr>
<tr>
<td><label>Name</label></td>
<td><input type="text" name=name /></td>
</tr>
<tr>
<td><label>Password</label></td>
<td><input type="password" name=pass /></td>
</tr>
<tr>
<td><label>Degree</label></td>
<td>
<select name="degree">
<option>BE(ECE)</option>
<option>BE(CSE)</option>
<option>BBA</option>
<option>Law</option>
</select>
</td>
</tr>
<tr>
<td colspan=2><input type="submit" name=submit value=submit />
</td>
</tr>
</table>
```

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

Process.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@page import="java.sql.*,java.util.*"%>

<%
String reg=request.getParameter("regno");
String name=request.getParameter("name");
String deg=request.getParameter("degree");
String pass=request.getParameter("pass");

try
{
Class.forName("com.mysql.jdbc.Driver");
Connection conn =
DriverManager.getConnection("jdbc:mysql://localhost:3306/university", "root", "");
Statement st=conn.createStatement();

int i=st.executeUpdate("insert into student_info(regno,name,course,password)
values('"+reg+"','"+name+"','"+deg+"','"+pass+"')");
}
catch(Exception e)
{
System.out.print(e);
e.printStackTrace();
}
%>
```

Student_profile.jsp

```jsp
<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<%@page import="java.sql.DriverManager"%>
<%@page import="java.sql.ResultSet"%>
<%@page import="java.sql.Statement"%>
<%@page import="java.sql.Connection"%>
<%
String id = request.getParameter("userid");
String driver = "com.mysql.jdbc.Driver";
String connectionUrl = "jdbc:mysql://localhost:3306/";
String database = "university";
String userid = "root";
String password = "";
try {
Class.forName(driver);
```

```jsp
        } catch (ClassNotFoundException e) {
        e.printStackTrace();
        }
        Connection connection = null;
        Statement statement = null;
        ResultSet resultSet = null;
%>
<!DOCTYPE html>
<html>
<body>

<h1 align="center">Retrieve Student data from database</h1><br><br>

<%
try{
connection = DriverManager.getConnection(connectionUrl+database, userid, password);
statement=connection.createStatement();
String sql ="select * from student_info";
resultSet = statement.executeQuery(sql);
while(resultSet.next()){
%>
    <div align="center">
        <li><p><b>Reg No:</b>
            <%=resultSet.getString("regno") %>
        </p></li>
        <li><p><b>Name:</b>
            <%=resultSet.getString("name") %>
        </p></li>
        <li><p><b>Degree:</b>
            <%=resultSet.getString("course") %>
        </p></li>
        <li><p><b>address</b>
            <%=resultSet.getString("add") %>
        </p></li>
    </div>


<%
}
connection.close();
} catch (Exception e) {
e.printStackTrace();
}
%>
</body>
</html>
```
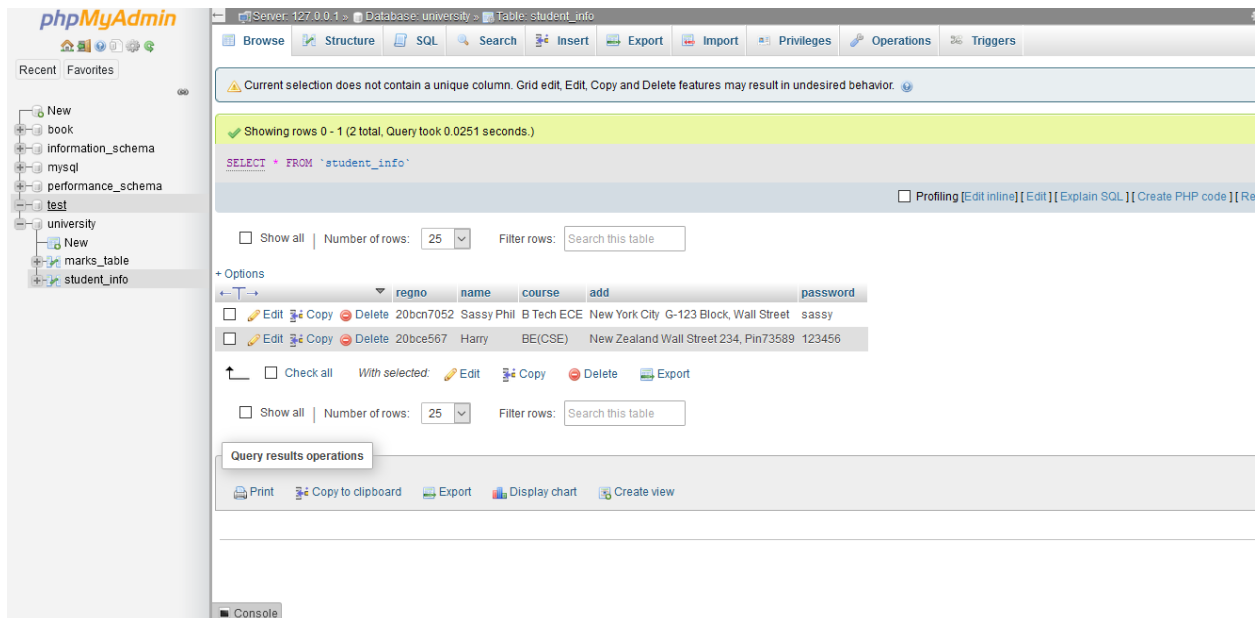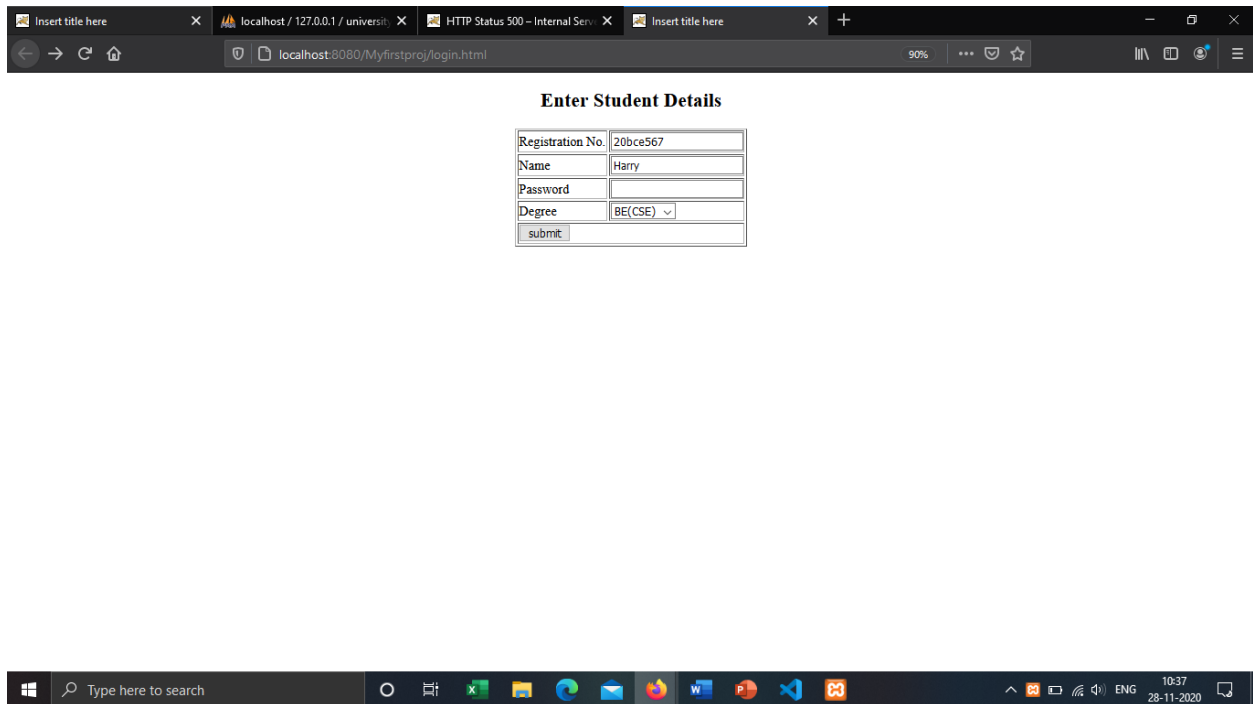
Retrieve Student data from database

Reg No: 20bcn7052

Name: Sassy Phil

Degree: B Tech ECE

address New York City G-123 Block, Wall Street

Reg No: 20bce567

Name: Harry

Degree: BE(CSE)

address New Zealand Wall Street 234, Pin73589