

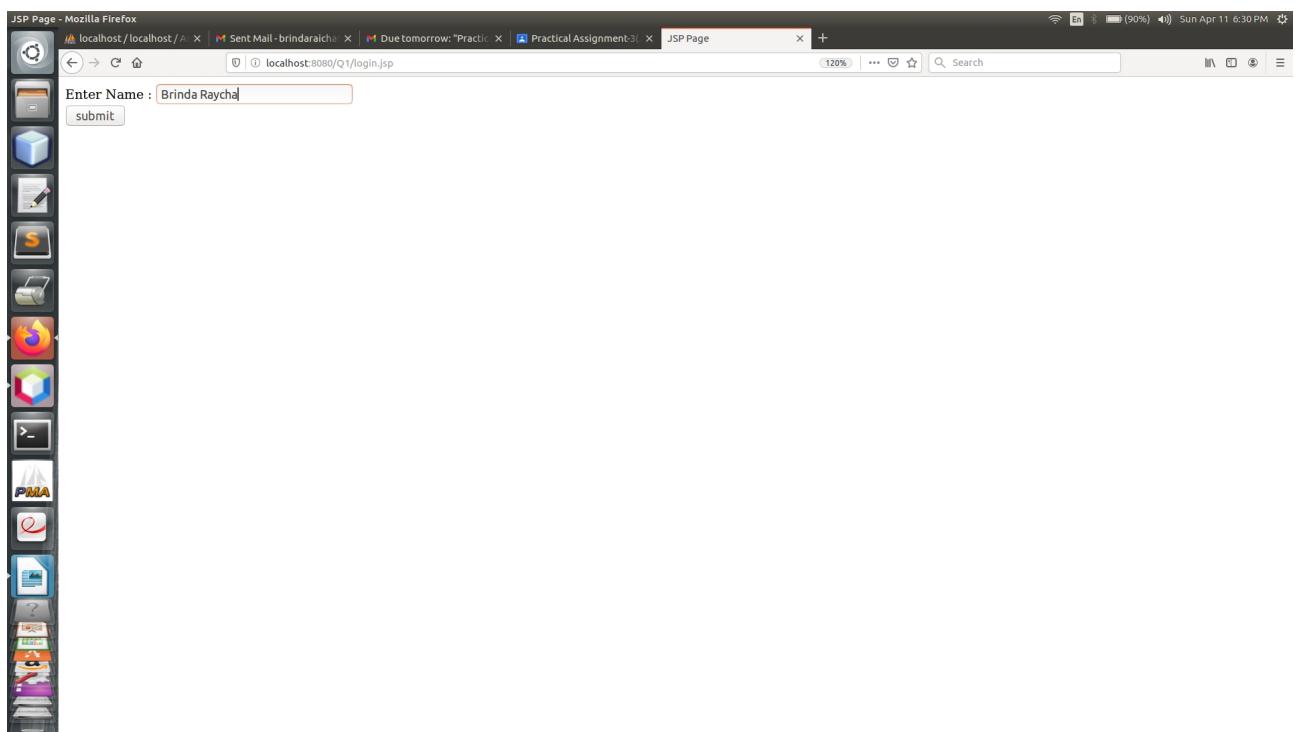
Name : Brinda J Raycha
Roll No = 38
Subject = JavaWebDevelopment

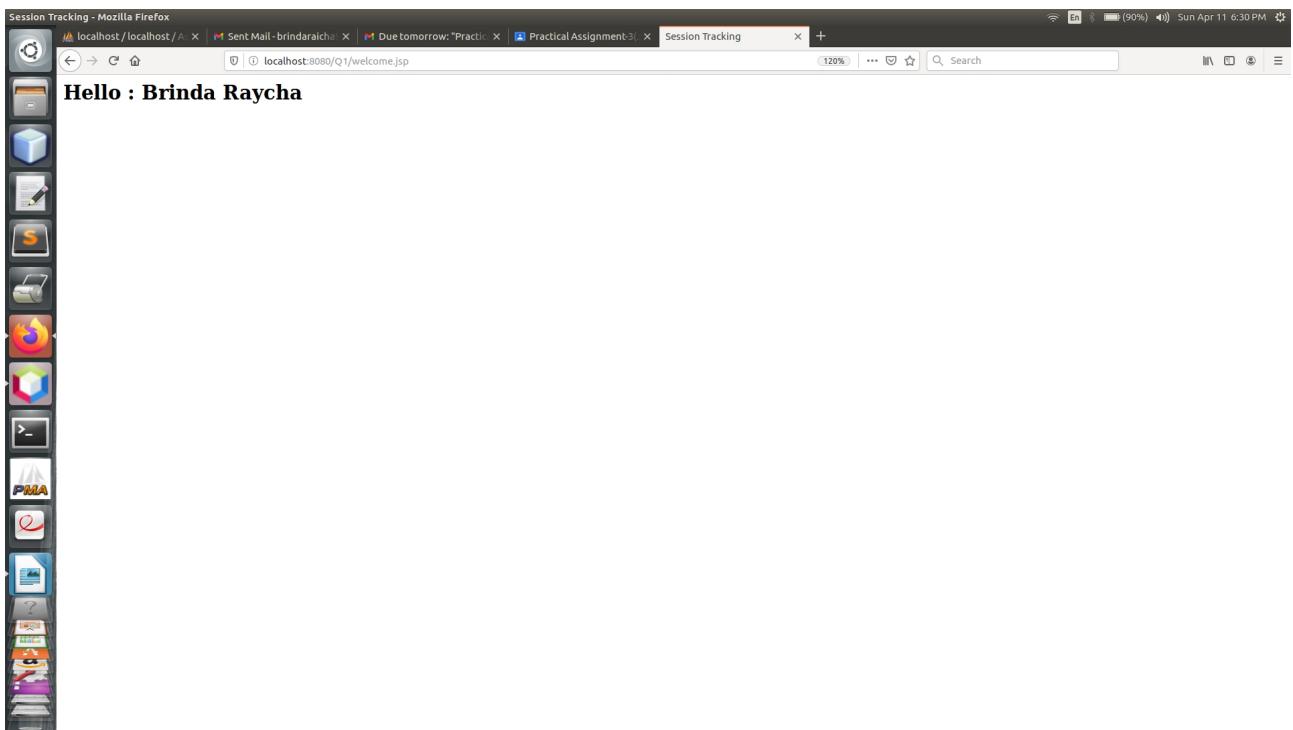
Assignment=3 JSP

=====

Q-1

OUTPUT





Code

==> login.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>
    <form action="welcome.jsp" method="post">
      Enter Name : <input type="text" name="txtname"><br>
      <input type="submit" value="submit">
    </form>
  </body>
</html>
```

==>welcome.jsp

```
<%@ page import = "java.io.* ,java.util.*" %>
<html>
  <head>
```

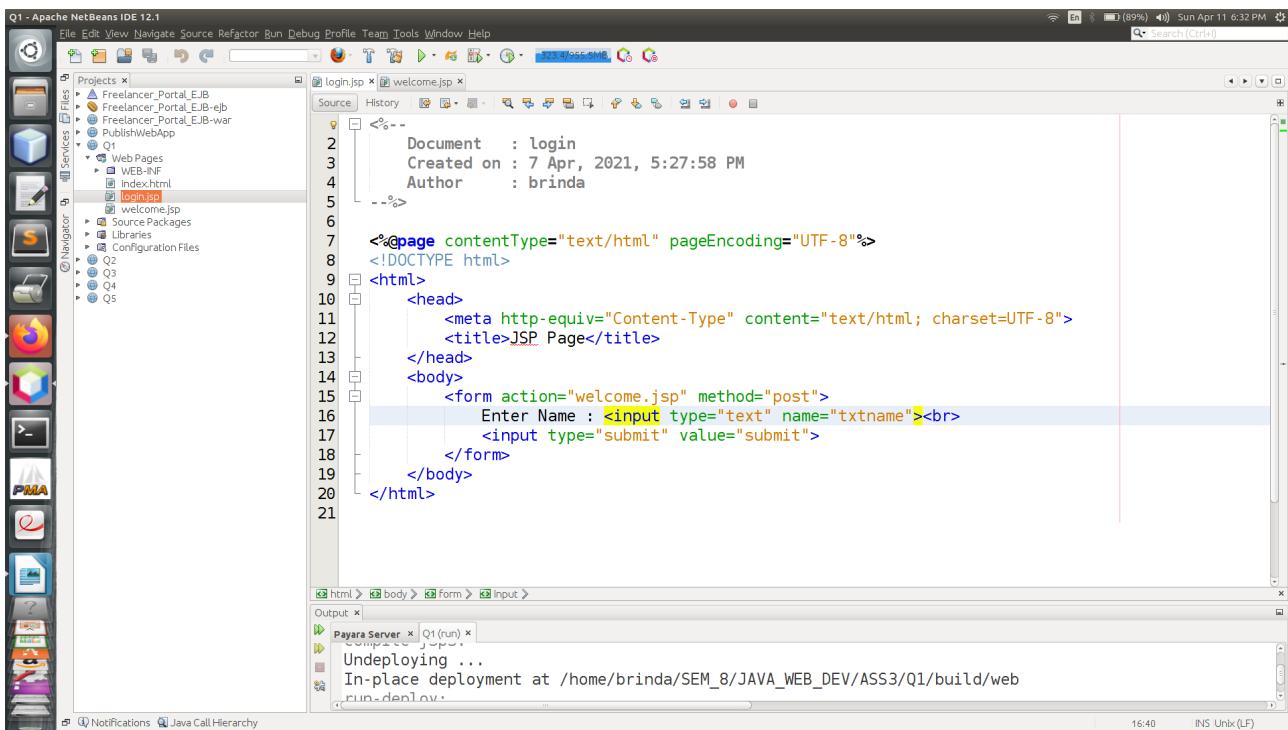
```
<title>Session Tracking</title>
</head>

<body>
<%
String name = request.getParameter("txtname");

if (!name.equals("")) {
    session.setAttribute("username", name);

}
else {
    response.sendRedirect("login.jsp");
}
%>
<h2>Hello : <%= session.getAttribute("username") %></h2>

</body>
</html>
```

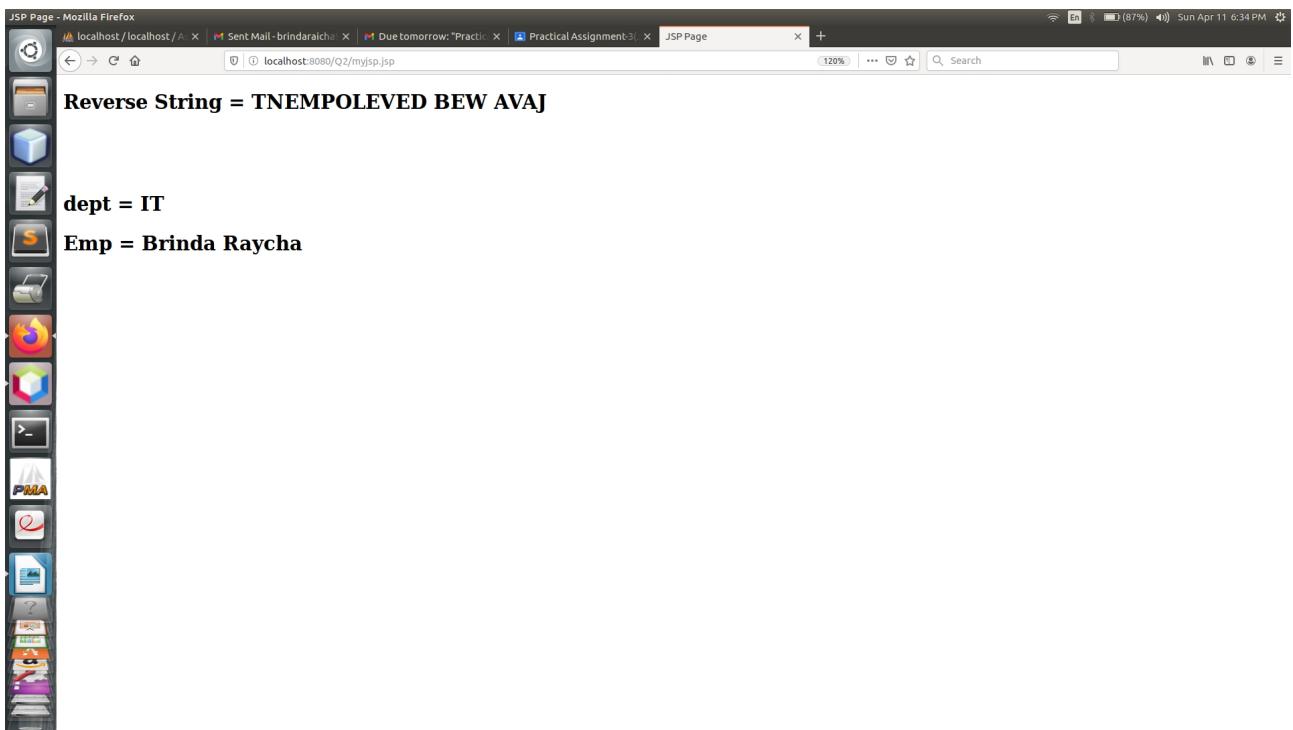


=====

Q-2

OUTPUT

Assignment-3 Roll No = 38



code

==>myjsp.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@taglib uri="/WEB-INF/tlds/mytag_library" prefix="m" %>
<%@taglib uri="/WEB-INF/tlds/mytag_library" prefix="emp" %>
<!DOCTYPE html>
<html>
  <head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>JSP Page</title>
  </head>
  <body>
    <!--<reverse string>-->
    <m:myTagHandler rev="string reverse">JAVA WEB
DEVELOPMENT</m:myTagHandler>

    <!--<emp tag dept attribute>-->
    <emp:empTagHandler dept="IT">Brinda Raycha</emp:empTagHandler>
  </body>
</html>
```

==>myTagHandler.java

```
public class myTagHandler extends SimpleTagSupport {  
  
    private String rev;  
  
    public String getRev() {  
        return rev;  
    }  
  
    public void setRev(String rev) {  
        this.rev = rev;  
    }  
  
    StringWriter w = new StringWriter();  
  
    @Override  
    public void doTag() throws JspException {  
        JspWriter out = getJspContext().getOut();  
  
        try {  
  
            getJspBody().invoke(w);  
            StringBuilder revString = new StringBuilder();  
            revString.append(w);  
            revString.reverse();  
            //getJspContext().getOut().println(w.toString());  
            out.println("<h2>Reverse String = " + revString + "</h2>");  
            out.println("<br><br><br>");  
  
        //  
        } catch (java.io.IOException ex) {  
            throw new JspException("Error in myTagHandler tag", ex);  
        }  
    }  
}
```

==> empTagHandler.java

```
public class empTagHandler extends SimpleTagSupport {  
  
    String dept;  
  
    public String getDept() {  
        return dept;  
    }
```

```
}

public void setDept(String dept) {
    this.dept = dept;
}

@Override
public void doTag() throws JspException {
    JspWriter out = getJspContext().getOut();

    try {

        StringWriter w = new StringWriter();
        getJspBody().invoke(w);
        out.println("<h2>dept = " + dept + "</h2>");
        out.println("<h2>Emp = " + w + "</h2>");

    } catch (java.io.IOException ex) {
        throw new JspException("Error in empTagHandler tag", ex);
    }
}

}
```

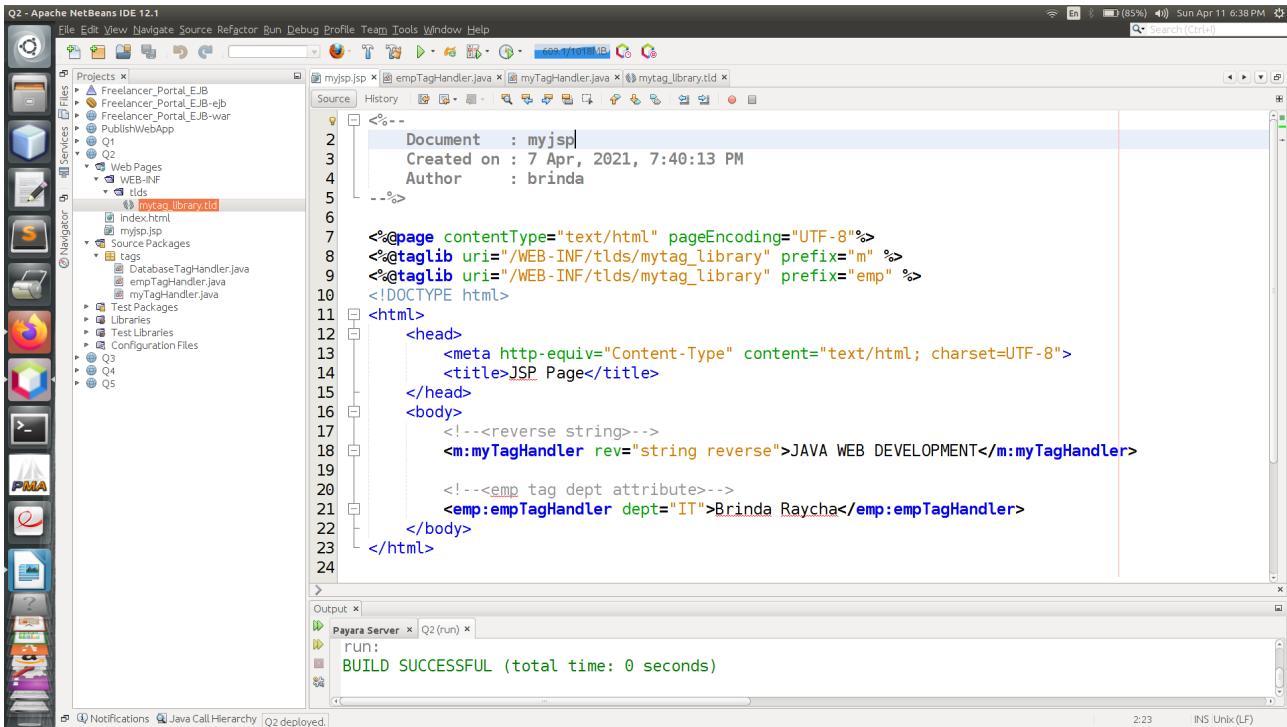
==>**mytag_library.tld**

```
<?xml version="1.0" encoding="UTF-8"?>
<taglib version="2.1" xmlns="http://java.sun.com/xml/ns/javaee"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-jsptaglibrary_2_1.xsd">
    <tlib-version>1.0</tlib-version>
    <short-name>mytag_library</short-name>
    <uri>/WEB-INF/tlds/mytag_library</uri>

    <tag>
        <name>myTagHandler</name>
        <tag-class>tags.myTagHandler</tag-class>
        <body-content>scriptless</body-content>
        <attribute>
            <name>rev</name>
            <required>true</required>
        </attribute>
    </tag>
    <tag>
        <name>DatabaseTagHandler</name>
        <tag-class>tags.DatabaseTagHandler</tag-class>
```

```
<body-content>scriptless</body-content>
</tag>
<tag>
<name>empTagHandler</name>
<tag-class>tags.empTagHandler</tag-class>
<body-content>scriptless</body-content>

<attribute>
<name>dept</name>
<required>true</required>
</attribute>
</tag>
</taglib>
```



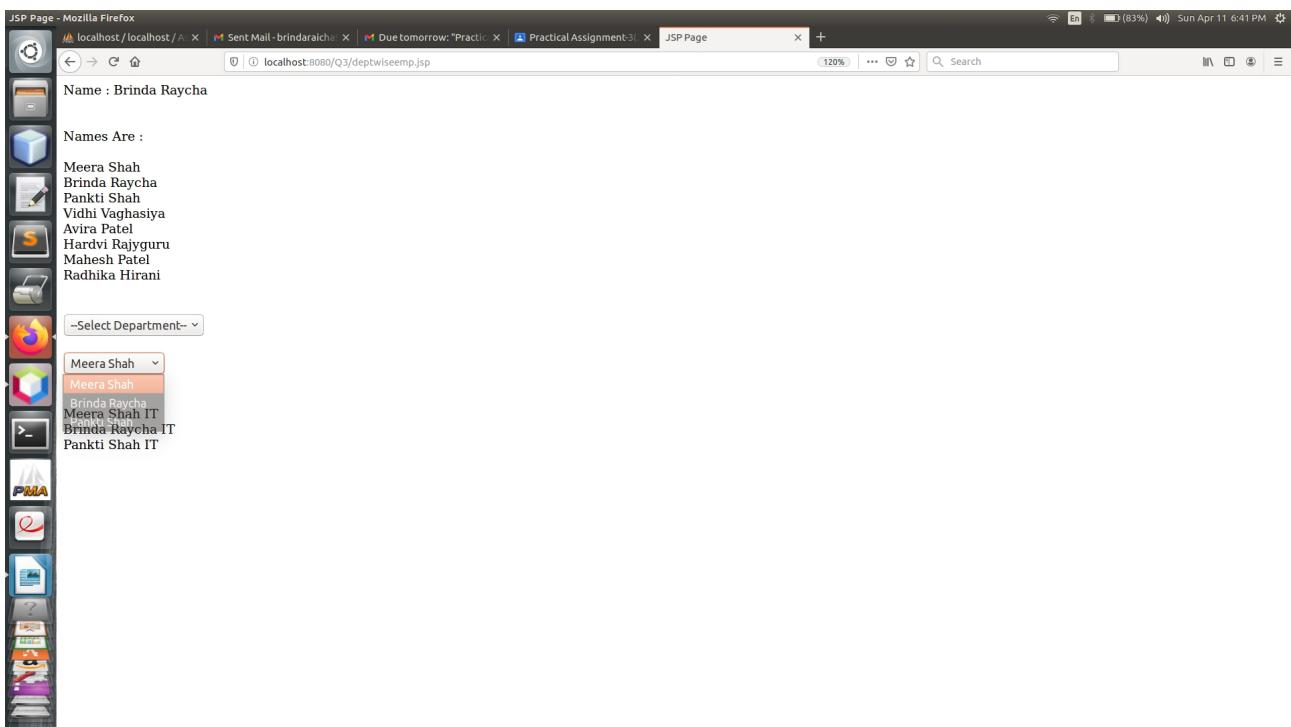
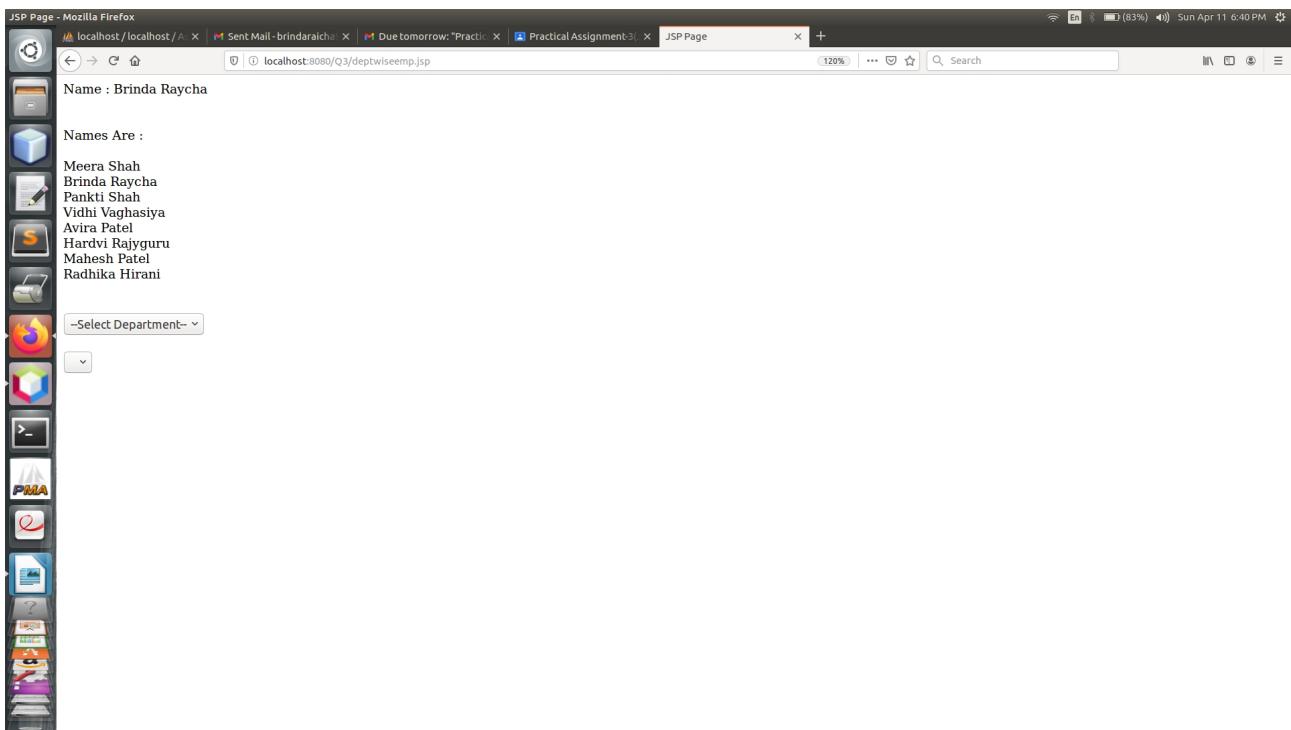
=====

Q-3

OUTPUT

Assignment-3

Roll No = 38



Code

==>deptwiseemp.jsp

```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@taglib uri="http://java.sun.com/jsp/jstl/xml" prefix="x" %>
<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>
        <c:import url="EmpDept.xml" var="empInfo"/>
        <x:parse xml="${empInfo}" var="output"/>

        Name : <x:out select="$output/employees/employee[2]/name" />
        <br><br><br>
        Names Are :
        <br> <br>
        <x:forEach select="$output/employees/employee" var="n">
            <x:out select="$n/name"/><br>
        </x:forEach>
        <br><br>
        <form method="post" action="deptwiseemp.jsp">
            <select name="drp" onchange="this.form.submit()">
                <option>--Select Department--</option>
                <option value="HR">HR</option>
                <option value="IT">IT</option>
                <option value="Sales and Marketing">Sales & Marketing</option>
            </select>
        </form>
        <br>

<!--      <display in the dropdownbox>-->
<select>
    <x:forEach select="$output/employees/employee" var="n">
        <x:set select="string($n/dept)" var="dept"/>
        <c:if test="${dept == param.drp}">
            <option value=<x:out select="$n/name"/>><x:out
select="$n/name"/></option>
        </c:if>
    </x:forEach>
</select>
<br><br><br>
```

```
<!-- <display as list >-->
<x:forEach select="$output/employees/employee" var="emp">
    <x:set var="dept" select="string($emp/dept)"/>
    <c:if test="${dept == param.drp}">
        <x:out select="$emp"/><br>
    </c:if>
</x:forEach>

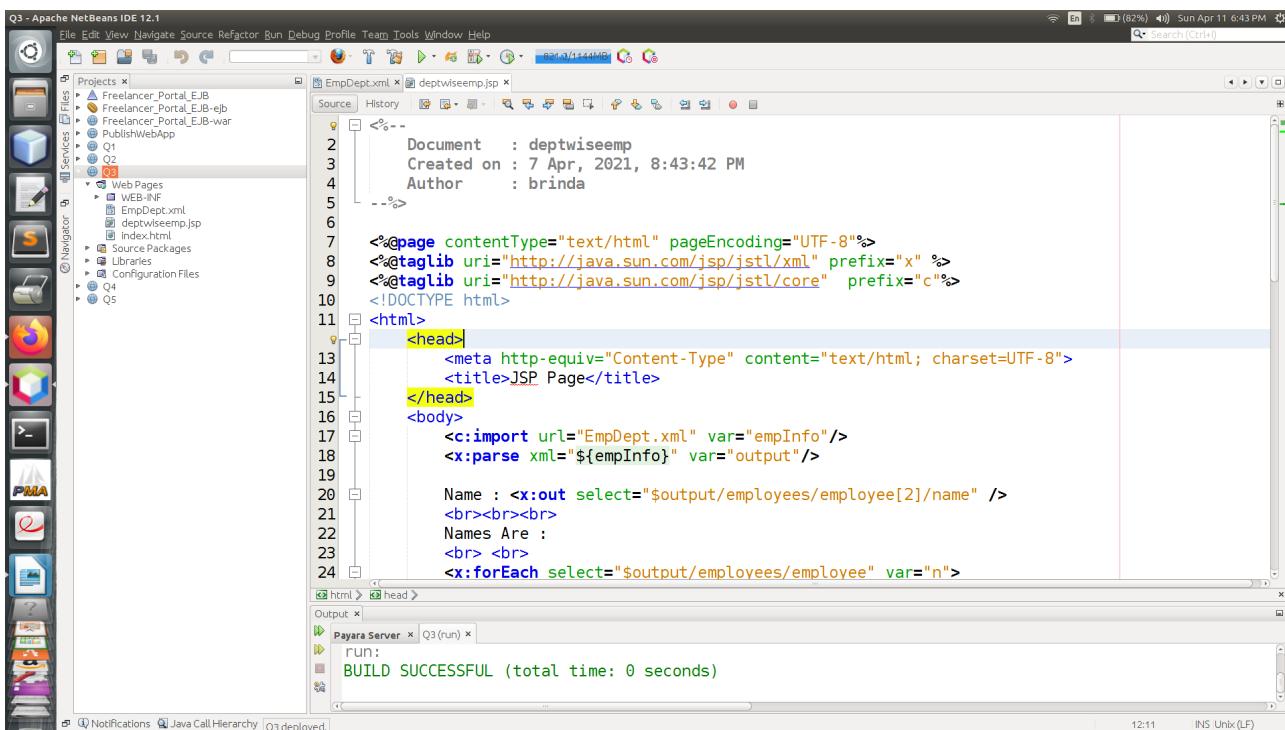
</body>
</html>
```

==>EmpDept.xml

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<employees>
    <employee>
        <name>Meera Shah</name>
        <dept>IT</dept>
    </employee>
    <employee>
        <name>Brinda Raycha</name>
        <dept>IT</dept>
    </employee>
    <employee>
        <name>Pankti Shah</name>
        <dept>IT</dept>
    </employee>
    <employee>
        <name>Vidhi Vaghasiya</name>
        <dept>HR</dept>
    </employee>
    <employee>
        <name>Avira Patel</name>
        <dept>HR</dept>
    </employee>
    <employee>
        <name>Hardvi Rajyguru</name>
        <dept>HR</dept>
    </employee>
    <employee>
        <name>Mahesh Patel</name>
        <dept>Sales and Marketing</dept>
    </employee>
    <employee>
        <name>Radhika Hirani</name>
```

```
<dept>Sales and Marketing</dept>
</employee>
</employees>
```



The screenshot shows the Apache NetBeans IDE interface. The left sidebar displays a project structure for "Freelancer_Portal_EJB" and "Freelancer_Portal_EJB-war". The main editor window contains the JSP code "deptwiseemp.jsp" which reads from an XML file "EmpDept.xml". The code includes imports for JSTL tags, defines a variable "empInfo", and uses "x:parse" and "x:forEach" to iterate over employees and output their names. The output pane shows a successful build message.

```
Document : deptwiseemp
Created on : 7 Apr, 2021, 8:43:42 PM
Author : brinda

<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@taglib uri="http://java.sun.com/jsp/jstl/xml" prefix="x" %>
<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>
        <c:import url="EmpDept.xml" var="empInfo"/>
        <x:parse xml="${empInfo}" var="output"/>

        Name : <x:out select="$output/employees/employee[2]/name" />
        <br><br><br>
        Names Are :
        <br> <br>
        <x:forEach select="$output/employees/employee" var="n">
```

Q-4

OUTPUT

Assignment-3
Roll No = 38

JSP Page - Mozilla Firefox

localhost /localhost /A... | Sent Mail - brindaraichal | Due tomorrow: "Practic... | Practical Assignment-3 | JSP Page

120% ⌂ Search

Employee Search

Name:

Brinda 25000



This screenshot shows a Mozilla Firefox browser window with the title 'JSP Page'. The address bar displays 'localhost:8080/Q4/Form.jsp'. The page content is titled 'Employee Search' and contains a text input field with the letter 'b' typed into it. Below the input field, the search results show 'Brinda 25000'. The Firefox toolbar is visible on the left side of the window.

JSP Page - Mozilla Firefox

localhost /localhost /A... | Sent Mail - brindaraichal | Due tomorrow: "Practic... | Practical Assignment-3 | JSP Page

120% ⌂ Search

Employee Search

Name:

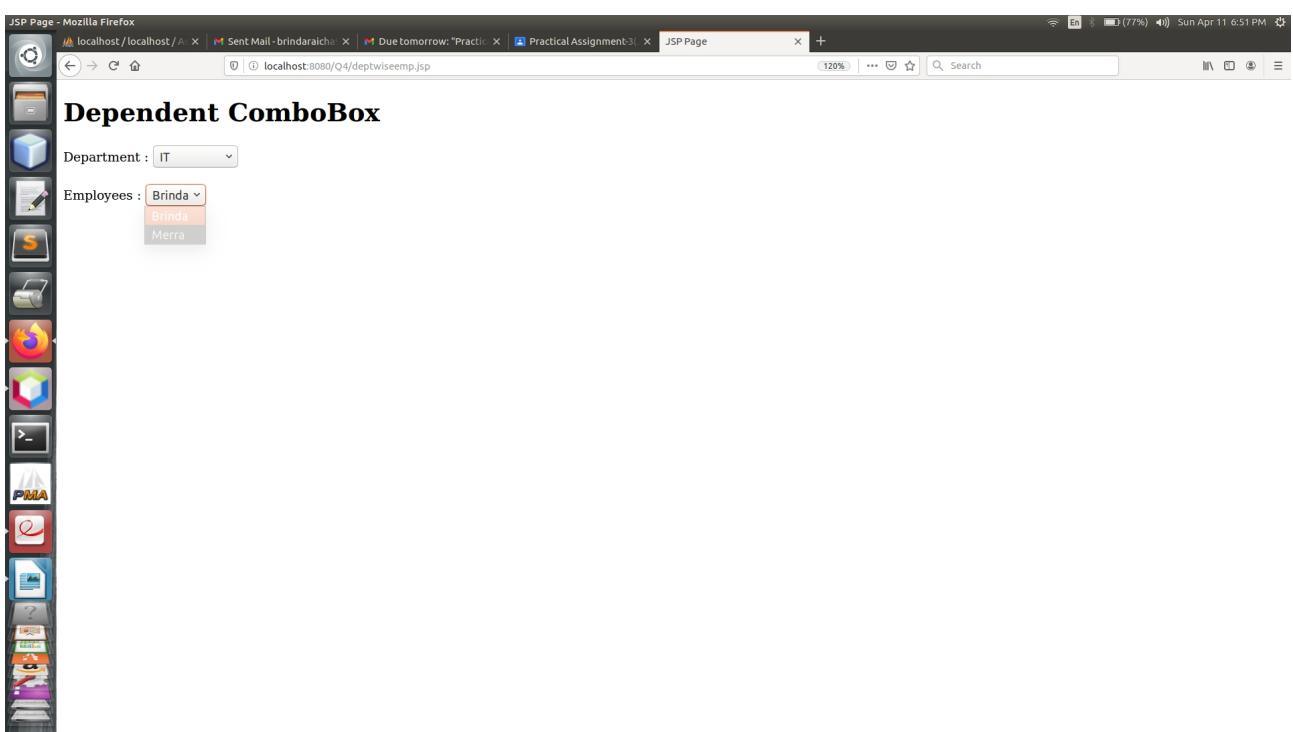
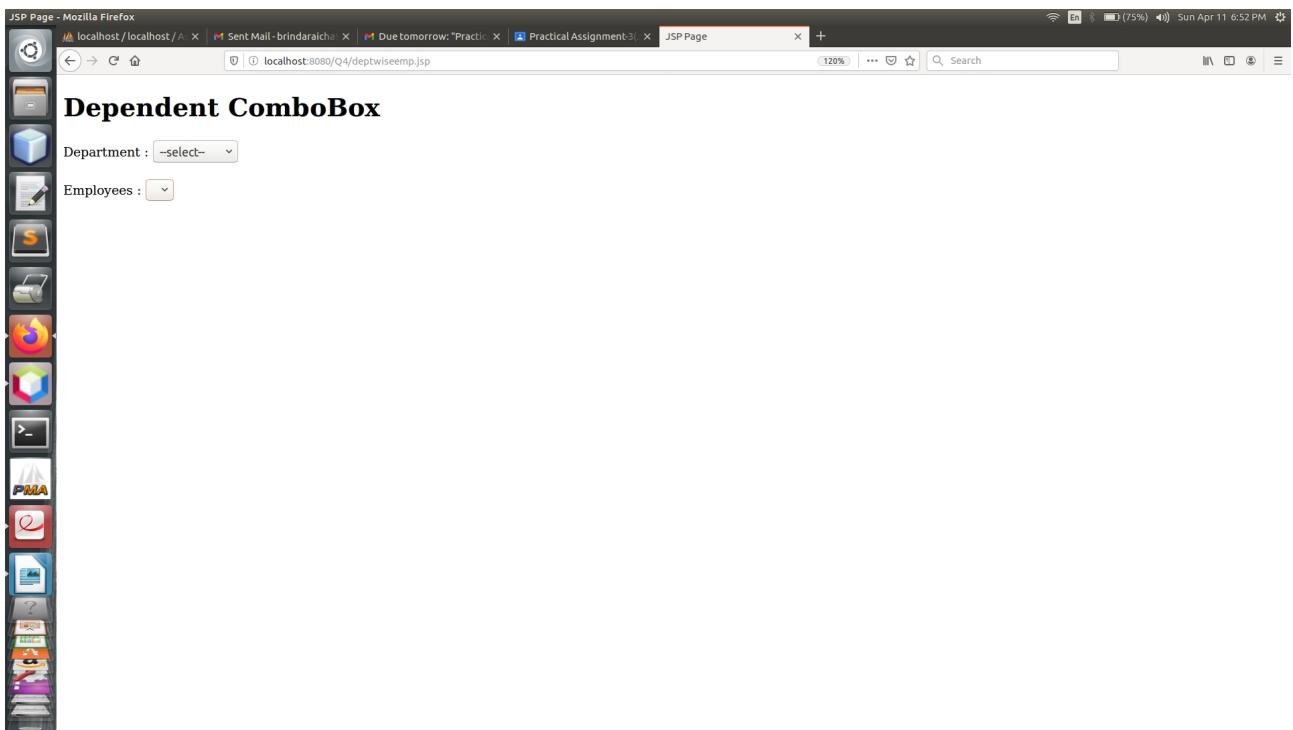
Jay 2500



This screenshot shows a Mozilla Firefox browser window with the title 'JSP Page'. The address bar displays 'localhost:8080/Q4/Form.jsp'. The page content is titled 'Employee Search' and contains a text input field with the letter 'j' typed into it. Below the input field, the search results show 'Jay 2500'. The Firefox toolbar is visible on the left side of the window.

Assignment-3

Roll No = 38



CODE

(1) Enter empname in textbox display empname using ajax

==>Form.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>
    <h1>Employee Search</h1>
    <body>
        Name:
        <input type="text" id="empName" name="empName" placeholder="Enter Name ... "
onkeyup="getName()">
        <br><br>
        <div id="data">

        </div>
    </body>
</html>
<script>
function getName(){
    var name = document.getElementById("empName").value;
    var xhttp = new XMLHttpRequest();
    xhttp.onreadystatechange = function(){
        if(this.readyState == 4 && this.status == 200)
        {
            document.getElementById("data").innerHTML = this.responseText;
        }
    };
    xhttp.open("GET","getemp.jsp?emp=" + name,true);
    xhttp.send();
}
</script>
```

==>getEmp.jsp

```
<%@page import="java.sql.*"%>

<%@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>
    <%
    try{

        String name = request.getParameter("emp");

        Class.forName("com.mysql.jdbc.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost/Ass2",
        "root", "brinda");
        Statement st = con.createStatement();

        String sql = "select * from EmpTB where EmpName like "+ name +"%";
        PreparedStatement ps = con.prepareStatement(sql);

        ResultSet rs = ps.executeQuery();
        while(rs.next())
        {
            out.println("<td>" + rs.getString("EmpName") + "</td>");
            out.println("<td>" + rs.getString("EmpSalary") + "</td>");
            out.println("<br>");
        }

    }catch(Exception e){
        System.out.println("Error : " + e);
    }
    %>
  </body>
</html>
```

(2) get department wise employee using ajax

==> deptwiseemp.jsp

```
<%@page import="java.sql.*"%>
<%@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>
    <h1>Dependent ComboBox</h1>
    <%
    try{
        Class.forName("com.mysql.jdbc.Driver");
        Connection con = DriverManager.getConnection("jdbc:mysql://localhost/Ass2",
        "root", "brinda");
        String sql = "select * from DeptTB";
        PreparedStatement pt = con.prepareStatement(sql);

        ResultSet rs = pt.executeQuery();
    %>
        Department : <select id="deptdrop" onchange="getEmp(this)">
            <option value="0">--select--</option>
            <% while(rs.next()){ %>
                <option value="<%= rs.getInt("DeptID") %>"><%= rs.getString("DeptName") %></option>
            <% } %>
        </select>

        <%
    }catch(Exception e)
    {
        System.out.println("Error : " + e);
    }
    %>

    <br><br>
<!--      <div id="data">

        </div>-->
    Employees :
    <select id="data">
        <option value="0">--select--</option>
    </select>
</body>
</html>

<script>
    function getEmp(deptId) {
        var xhttp = new XMLHttpRequest();
```

```
xhttp.onreadystatechange = function () {
    if (this.readyState == 4 && this.status == 200) {
        document.getElementById("data").innerHTML = this.responseText;
    }
};

xhttp.open("GET", "emp.jsp?deptId=" + deptId.value);
xhttp.send();
}

</script>
```

==>emp.jsp

```
<%@page import="java.sql.*"%>
<%@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>
        <%
        try{
            String id = request.getParameter("deptId");

            Class.forName("com.mysql.jdbc.Driver");
            Connection con = DriverManager.getConnection("jdbc:mysql://localhost/Ass2",
"root", "brinda");
            Statement st = con.createStatement();

            String sql = "select * from EmpTB e , DeptTB d where d.DeptID = e.DeptID and
d.DeptID = ?";
            PreparedStatement ps = con.prepareStatement(sql);
            ps.setString(1, id);
            ResultSet rs = ps.executeQuery();
            //out.println("<select id='empdrop'>");
            while (rs.next()) {
                out.println("<option>" + rs.getString("EmpName") + "</option>");
            }
            //out.println("</select>");

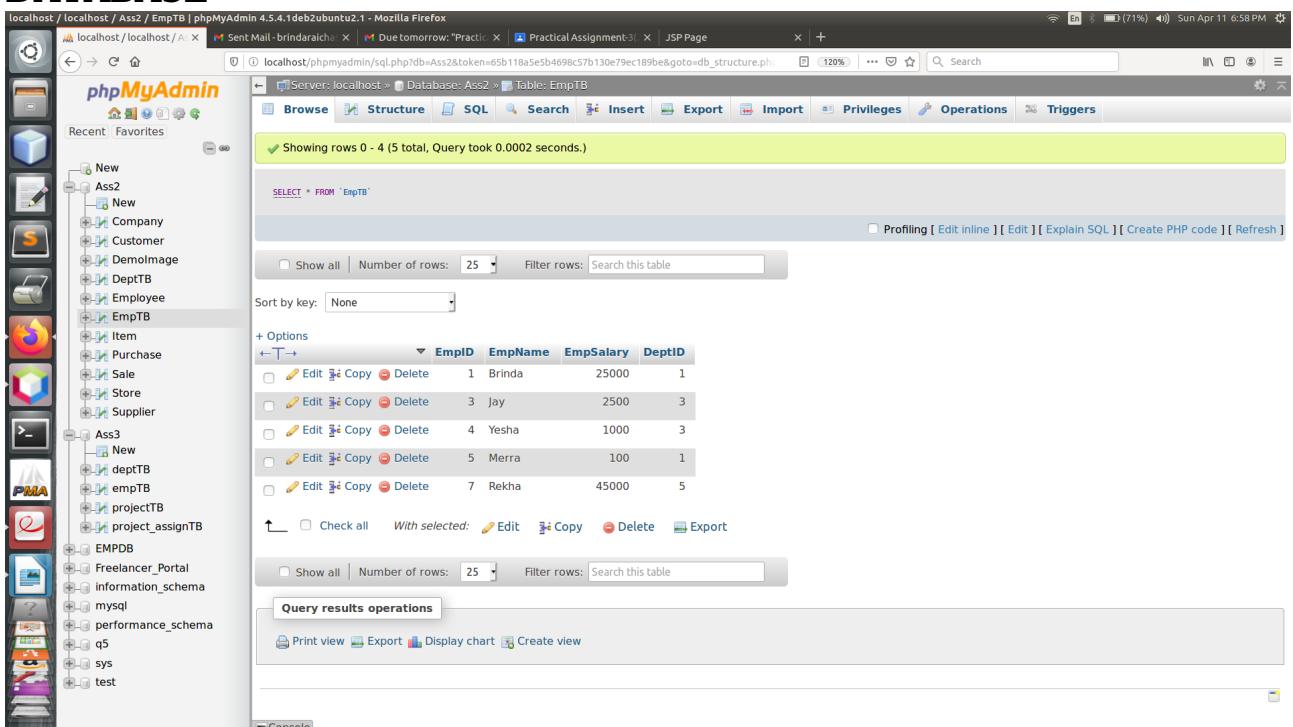
        }catch(Exception e){
```

Assignment-3

Roll No = 38

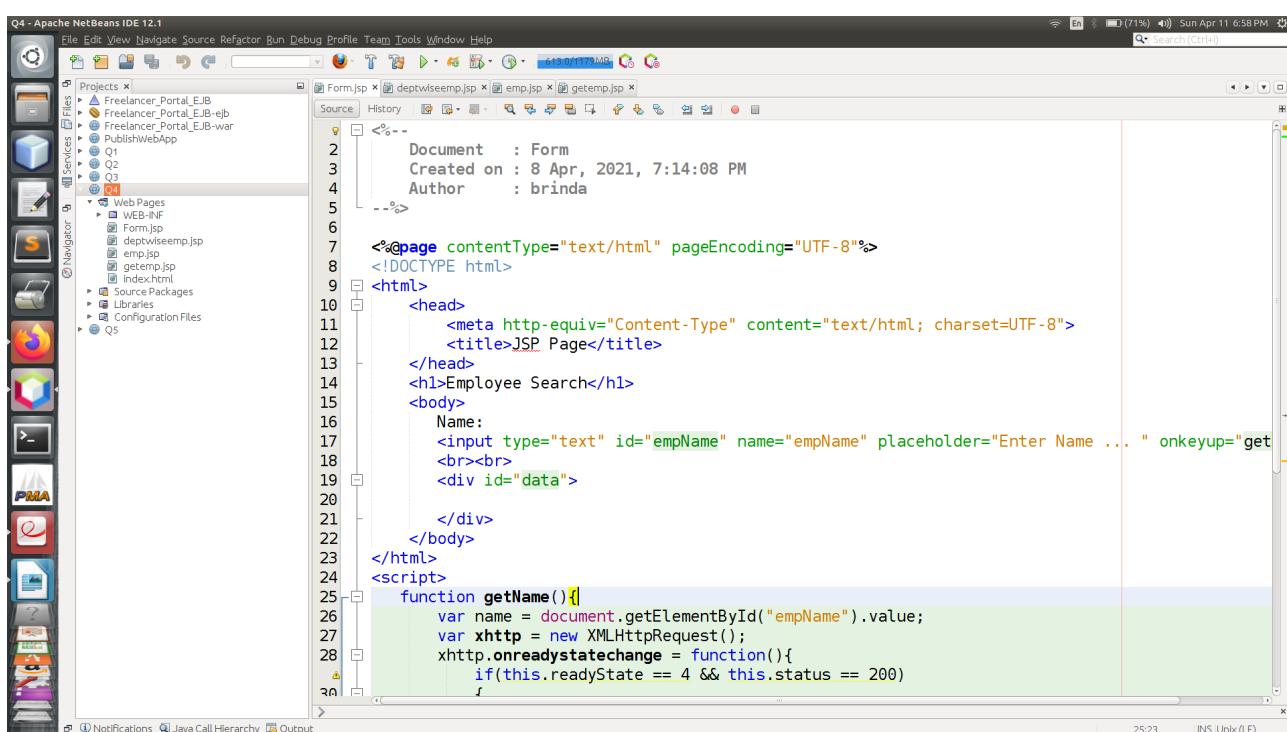
```
        System.out.println("Error : " + e);
    }
%>
</body>
</html>
```

DATABASE



The screenshot shows the phpMyAdmin interface for the EmpTB table. The table has columns: EmpID, EmpName, EmpSalary, and DeptID. The data is as follows:

EmpID	EmpName	EmpSalary	DeptID
1	Brinda	25000	1
3	Jay	2500	3
4	Yesha	1000	3
5	Merra	100	1
7	Rekha	45000	5



The screenshot shows the Apache NetBeans IDE 12.1 interface with a JSP file open. The code is as follows:

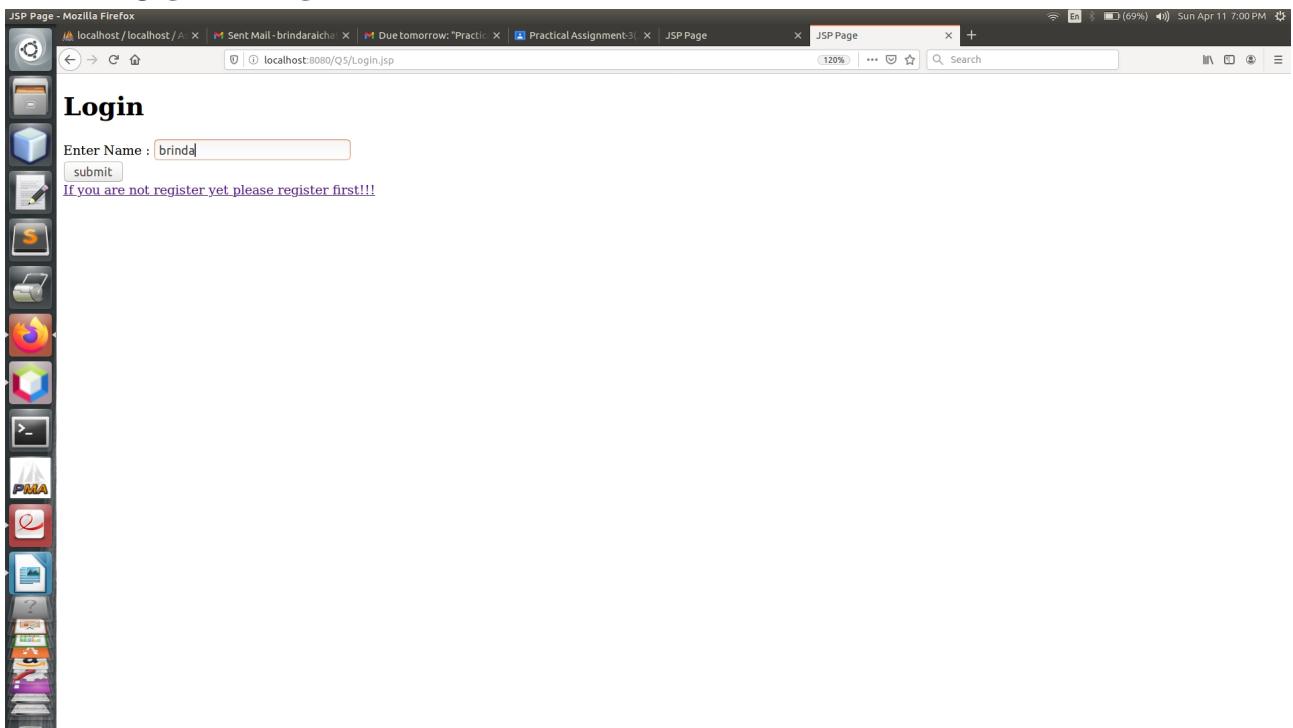
```
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <h1>Employee Search</h1>
    <body>
        Name:
        <input type="text" id="empName" name="empName" placeholder="Enter Name ... " onkeyup="getname()">
        <br><br>
        <div id="data">
        </div>
    </body>
</html>
<script>
    function getName(){
        var name = document.getElementById("empName").value;
        var xhttp = new XMLHttpRequest();
        xhttp.onreadystatechange = function(){
            if(this.readyState == 4 && this.status == 200)
                ...
    }
</script>
```

=====

Q-5

OUTPUT

==>LOGIN PAGE



==>EmpWiseProject

Assignment-3 Roll No = 38

JSP Page - Mozilla Firefox

localhost:8080/Q5/EmpAssignProjectList.jsp?id=2

EmployeeWiseAssignProject

Employee Name	Designation	Department	Projectname	Description	Duration
brinda	asas	IT	IT project	This is very important project for our company	6 month
brinda	asas	IT	Java development	Very Good	2 months

==>RegistrationPage

JSP Page - Mozilla Firefox

localhost:8080/Q5/RegForm.jsp

Registration

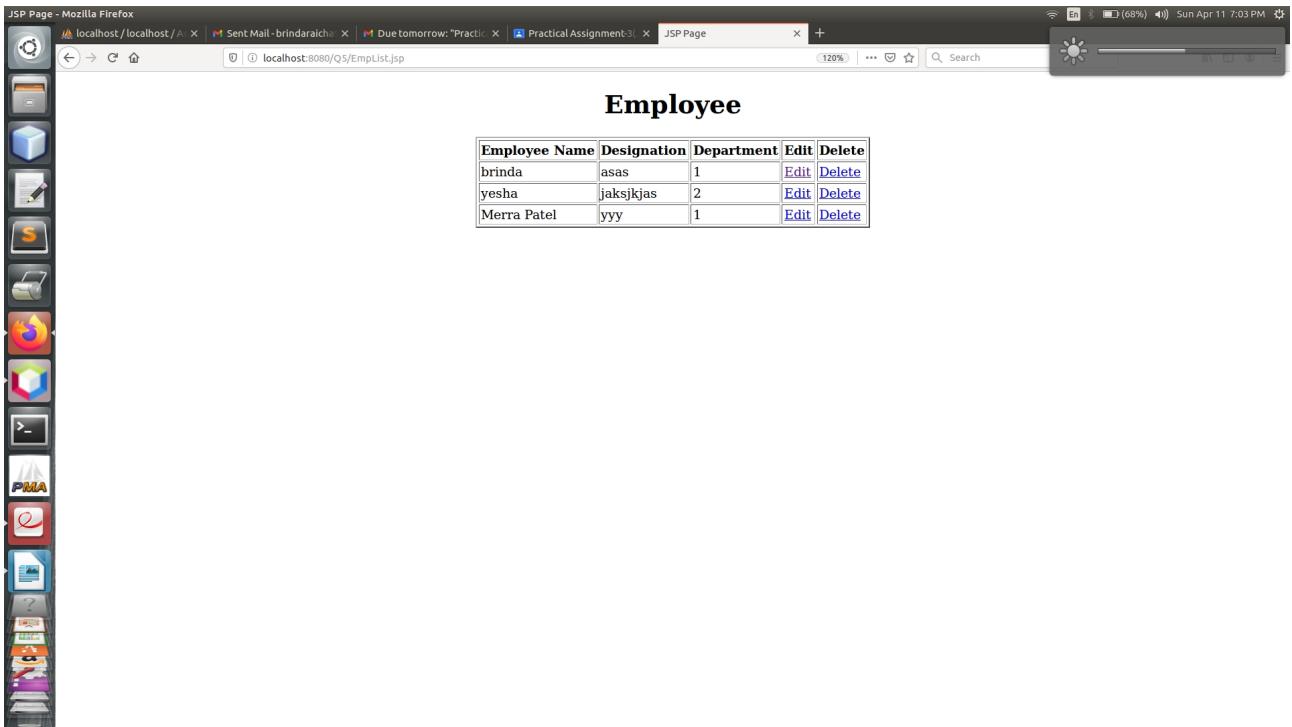
Enter Name :

Enter Designation :

Select Department :

==>EmployeeList

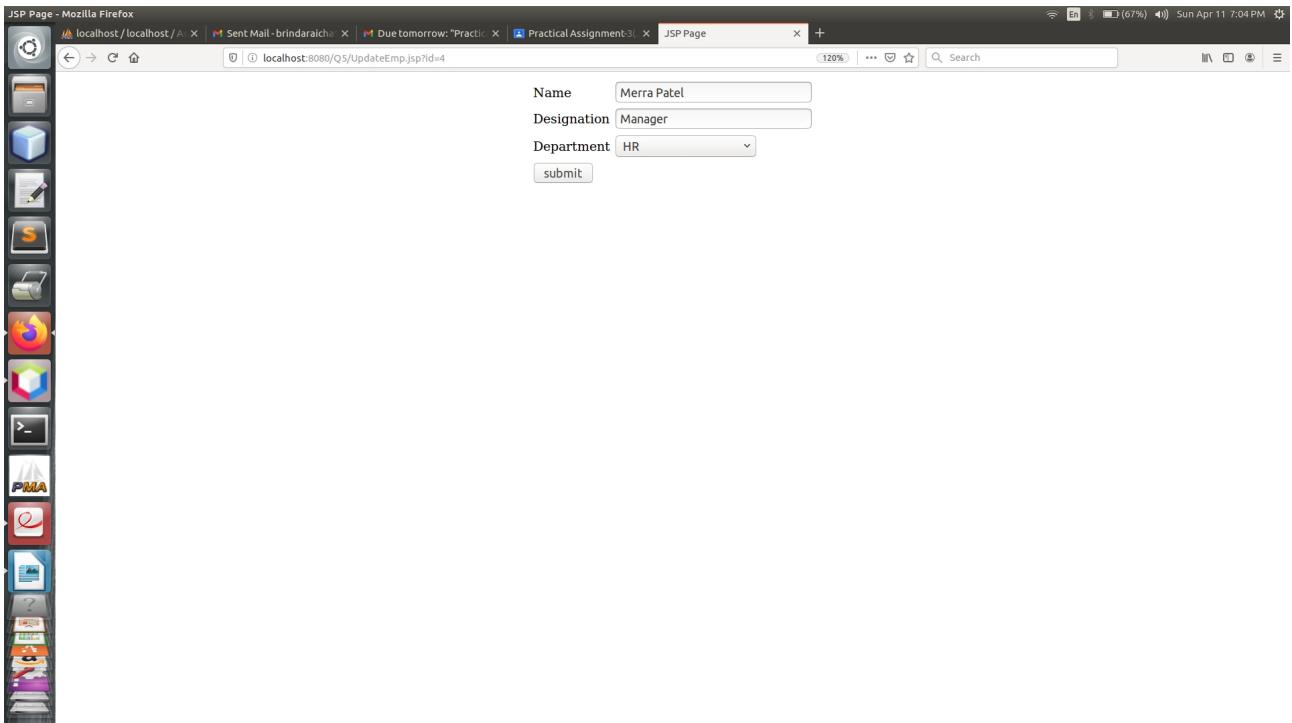
Assignment-3 Roll No = 38



A screenshot of a Mozilla Firefox browser window. The title bar says "JSP Page - Mozilla Firefox". The address bar shows "localhost:8080/Q5/EmpList.jsp". The main content area displays a table titled "Employee" with three rows of data:

Employee Name	Designation	Department	Edit	Delete
brinda	asas	1	Edit	Delete
yesha	jaksjkjas	2	Edit	Delete
Merra Patel	yyy	1	Edit	Delete

==>EmployeeDetailEdit Page

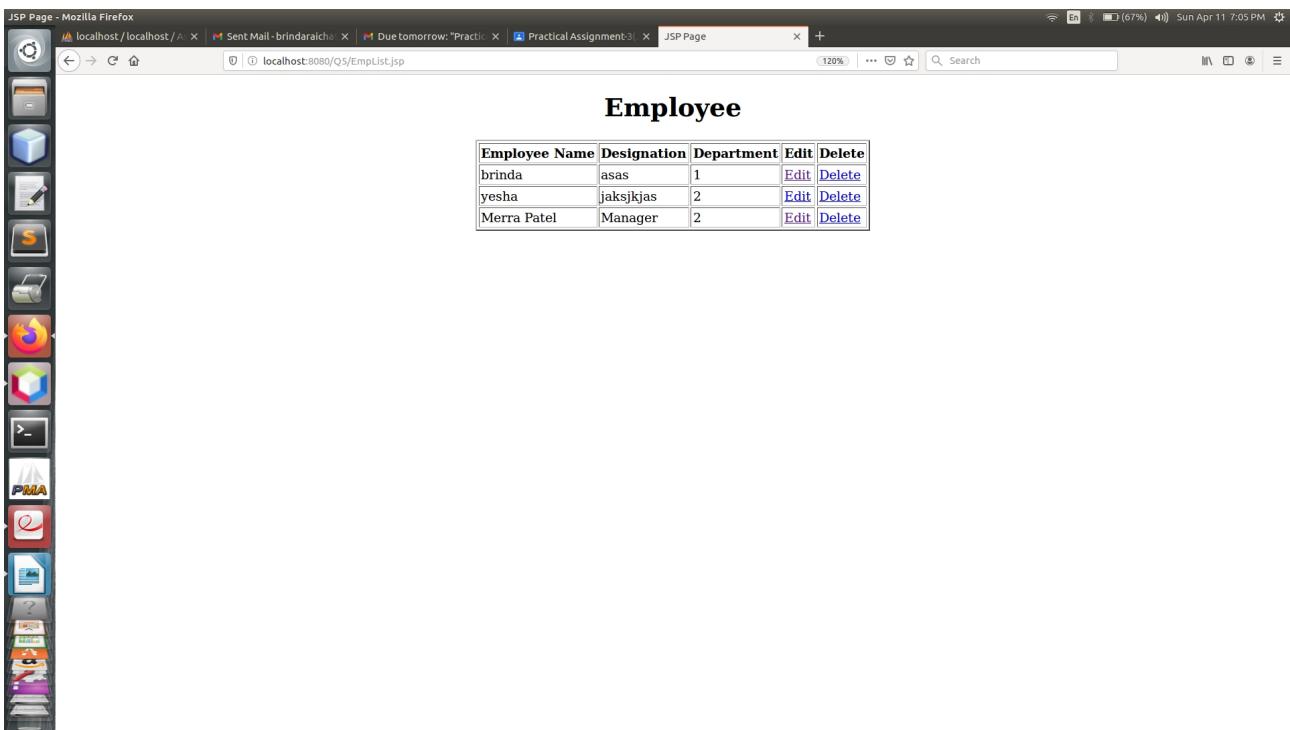


A screenshot of a Mozilla Firefox browser window. The title bar says "JSP Page - Mozilla Firefox". The address bar shows "localhost:8080/Q5/UpdateEmp.jsp?d=4". The main content area displays a form for editing employee data:

Name:
Designation:
Department:

==>Data Edit

Assignment-3
Roll No = 38



The screenshot shows a Mozilla Firefox browser window with multiple tabs open. The active tab is titled "JSP Page" and displays a table of employee information. The table has columns for Employee Name, Designation, Department, Edit, and Delete. The data in the table is as follows:

Employee Name	Designation	Department	Edit	Delete
brinda	asas	1	Edit	Delete
yasha	jaksjkjas	2	Edit	Delete
Merra Patel	Manager	2	Edit	Delete

CODE

= => EmpManagementBean.java

```
public class EmpManagementBean {  
  
    public static int addEmployee(employee e) {  
        int status = 0;  
        try {  
            Connection con = getConnection();  
            PreparedStatement ps = (PreparedStatement) con.prepareStatement("insert into  
empTB(empname,designation,deptid) values(?, ?, ?)");  
            ps.setString(1, e.getEmpname());  
            ps.setString(2, e.getDesignation());  
            ps.setInt(3, e.getDeptid());  
            status = ps.executeUpdate();  
        } catch (SQLException ex) {  
            System.out.println("Error : " + ex.getMessage());  
        }  
        return status;  
    }  
  
    public static int updateEmployee(employee e) {  
        int status = 0;  
        try {  
            Connection con = getConnection();  
        }  
    }  
}
```

```
PreparedStatement ps = (PreparedStatement) con.prepareStatement("update
empTB set empname=?,designation=?,deptid=? where empid=?");
    ps.setString(1, e.getEmpname());
    ps.setString(2, e.getDesignation());
    ps.setInt(3, e.getDeptid());
    ps.setInt(4, e.getEmpid());
    status = ps.executeUpdate();
} catch (SQLException ex) {
    System.out.println("Error : " + ex.getMessage());
}
return status;
}
public static Boolean login(employee e) {
    boolean status = false;
    try {
        Connection con = getConnection();
        PreparedStatement ps = (PreparedStatement) con.prepareStatement("select * from
empTB where empname=?");
        //ps.setInt(1, id);
        ps.setString(1, e.getEmpname());
        ResultSet rs = ps.executeQuery();
        status = rs.next();
    } catch (SQLException ex) {
        System.out.println("Error : " + ex.getMessage());
    }
    return status;
}
public static int deleteEmployee(int id) {
    int status = 0;
    try {
        Connection con = getConnection();
        PreparedStatement ps = (PreparedStatement) con.prepareStatement("delete from
empTB where empid=?");
        ps.setInt(1, id);
        status = ps.executeUpdate();
    } catch (SQLException ex) {
        System.out.println("Error : " + ex.getMessage());
    }
    return status;
}
public static List<employee> getAllEmployee() {
    List<employee> employees = new ArrayList<employee>();
    try {
        Connection con = getConnection();
```

```
PreparedStatement ps = (PreparedStatement) con.prepareStatement("select * from
empTB");
ResultSet rs = ps.executeQuery();

while (rs.next()) {
    employee e = new employee();
    e.setEmpid(rs.getInt("empid"));
    e.setEmpname(rs.getString("empname"));
    e.setDesignation(rs.getString("designation"));
    e.setDeptid(rs.getInt("deptid"));
    employees.add(e);
}
} catch (SQLException ex) {
    System.out.println("Error : " + ex.getMessage());
}
return employees;
}

public static List<EmpAssignProject> getAllAssignProject(int id) {
List<EmpAssignProject> eap = new ArrayList<EmpAssignProject>();
try {
    Connection con = getConnection();
    PreparedStatement ps = (PreparedStatement) con.prepareStatement("select * from
empTB e,deptTB d, projectTB p,project_assignTB pa where d.deptid=e.deptid and
e.empid=pa.empid and p.projectid=pa.projectid and e.empid=?");
    ps.setInt(1, id);
    ResultSet rs = ps.executeQuery();

    while (rs.next()) {
        EmpAssignProject e = new EmpAssignProject();
        e.setEmpid(rs.getInt("empid"));
        e.setEmpname(rs.getString("empname"));
        e.setDesignation(rs.getString("designation"));
        e.setDeptid(rs.getInt("deptid"));
        e.setDeptname(rs.getString("deptname"));
        e.setDescription(rs.getString("description"));
        e.setDesignation(rs.getString("designation"));
        e.setDuration(rs.getString("duration"));
        e.setProjectid(rs.getInt("projectid"));
        e.setProjectname(rs.getString("projectname"));
        eap.add(e);
    }
} catch (SQLException ex) {
    System.out.println("Error : " + ex.getMessage());
}
return eap;
}
```

```
public static employee getEmployeeById(int id) {  
    employee e = null;  
    try {  
        Connection con = getConnection();  
        PreparedStatement ps = (PreparedStatement) con.prepareStatement("select * from  
empTB where empid=?");  
        ps.setInt(1, id);  
        ResultSet rs = ps.executeQuery();  
  
        while (rs.next()) {  
            e = new employee();  
            e.setEmpid(rs.getInt("empid"));  
            e.setEmpname(rs.getString("empname"));  
            e.setDesignation(rs.getString("designation"));  
            e.setDeptid(rs.getInt("deptid"));  
        }  
    } catch (SQLException ex) {  
        System.out.println("Error : " + ex.getMessage());  
    }  
    return e;  
}  
}
```

==>project.java == getter,setter methods

-=>employee.java == getter,setter methods

==>projectassign.java == getter,setter methods

==>empwiseassignproject.java == getter,setter methods

==>login.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>  
        <h1 align="center">Login</h1>  
        <form action="LoginCheck.jsp" method="post">  
            Enter Name : <input type="text" name="empname">
```

```
<br>

    <input type="submit" name="Login" value="submit">
</form>
<a href="RegForm.jsp">If you are not register yet please register first!!!</a>
</body>
</html>
```

==>LoginCheck.jsp

```
<%@page import="beans.*"%>
<%@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>

        <%
            String name = request.getParameter("empname");
            employee e = new employee();
            e.setEmpname(name);

            if(EmpManagementBean.login(e))
            {
                response.sendRedirect("EmpAssignProjectList.jsp");
            }
            else{
                response.sendRedirect("Login.jsp");
            }
        %>

    </body>
</html>
```

==>EmpAssignProjectList.jsp

```
<%@page import="java.sql.*"%>
<%@page import="java.util.List"%>
<%@page import="beans.*"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
```

```
<%@page import="beans.EmpManagementBean" %>
<jsp:useBean id="e" class="beans.EmpAssignProject" />
<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>
        <%
            List<EmpAssignProject> eap = EmpManagementBean.getAllAssignProject();
            request.setAttribute("eap", eap);
        %>
        <center><h1>EmployeeWiseAssignProject</h1></center>
        <table cellspacing="2" cellpadding="2" align="center" border="2">
            <tr>
                <th>Employee Name</th>
                <th>Designation</th>
                <th>Department</th>
                <th>Projectname</th>
                <th>Description</th>
                <th>Duration</th>
            </tr>
            <c:forEach items="${eap}" var="emp">
                <tr>
                    <td>
                        ${emp.getEmpname()}
                    </td>
                    <td>
                        ${emp.getDesignation()}
                    </td>
                    <td>
                        ${emp.getDeptname()}
                    </td>
                    <td>
                        ${emp.getProjectname()}
                    </td>
                    <td>
                        ${emp.getDescription()}
                    </td>
                    <td>
                        ${emp.getDuration()}
                    </td>
                </tr>
            </c:forEach>
        </table>
    </body>
</html>
```

```
</table>
</body>
</html>
```

==>RegForm.jsp

```
<%@page import="java.sql.*"%>
<%@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>
        <h1 align="center">Registration</h1>
        <form action="AddEmp.jsp" method="post">
            Enter Name : <input type="text" name="empname">
            <br><!-- comment -->
            Enter Designation : <input type="text" name="designation"><br>
            Select Department :
            <select name="deptid">
                <option value="0">--Select Department--</option>
                <%
                    try {
                        Class.forName("com.mysql.jdbc.Driver");
                        Connection con =
DriverManager.getConnection("jdbc:mysql://localhost/Ass3", "root", "brinda");
                        PreparedStatement ps = con.prepareStatement("select * from
deptTB");
                        ResultSet rs = ps.executeQuery();

                        while (rs.next()) {
                            <%>
                            <option value="<%="><%=rs.getInt(1)%>"><%=rs.getString(2)%></option>
                            <%
                                }
                            } catch (ClassNotFoundException | SQLException ex) {
                                ex.printStackTrace();
                            }
                            <%>
                        </select>
                        <br><br>
                        <input type="submit" name="submit" value="submit">
                    </form>
                <%>
            <%
        <%>
    </body>
</html>
```

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

==>EmpList.jsp

```
<%@page import="java.sql.*"%>
<%@page import="java.util.List"%>
<%@page import="beans.employee"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<%@page import="beans.EmpManagementBean" %>
<jsp:useBean id="e" class="beans.employee" />
<%@taglib uri="http://java.sun.com/jsp/jstl/core" prefix="c" %>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>
        <%
            List<employee> EmpList = EmpManagementBean.getAllEmployee();
            request.setAttribute("EmpList", EmpList);
        %>
        <center><h1>Employee</h1></center>
        <table cellspacing="2" cellpadding="2" align="center" border="2">
            <tr>
                <th>Employee Name</th>
                <th>Designation</th>
                <th>Department</th>
                <th>Edit</th>
                <th>Delete</th>
            </tr>
            <c:forEach items="${EmpList}" var="emp">
                <tr>
                    <td>
                        ${emp.getEmpname()}
                    </td>
                    <td>
                        ${emp.getDesignation()}
                    </td>
                    <td>
                        ${emp.getDeptid()}
                    </td>
                    <td>
                        <a href="UpdateEmp.jsp?id=${emp.getEmpid()}">Edit</a>
                    </td>
                </tr>
            </c:forEach>
        </table>
    </body>
</html>
```

```
<td>
    <a href="DeleteEmp.jsp?id=${emp.getEmpid()}">Delete</a>
</td>
</tr>
</c:forEach>
</table>
</body>
</html>
```

==>**AddEmp.java**

```
<%@page import="beans.EmpManagementBean"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<jsp:useBean id="e" class="beans.employee" />
<jsp:setProperty property="*" name="e"/>
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>
        <%
            int i = EmpManagementBean.addEmployee(e);
            if (i > 0) {
                response.sendRedirect("EmpList.jsp");
            } else {
                response.sendRedirect("RegForm.jsp");
            }
        %>
    </body>
</html>
```

==>**EmpUpdate.jsp**

```
<%@page import="java.sql.*"%>
<%@page import="beans.*%>
<%@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>
        <%
```

```
int empid = Integer.parseInt(request.getParameter("id"));
employee e = EmpManagementBean.getEmployeeById(empid);
%>
<form method="post" action="update.jsp">
<input type="hidden" name="empid" value="<%="e.getEmpid()%>" />
<table align="center" cellspacing="2" cellpadding="2">
<tr>
<td>Name</td>
<td>
<input type="text" name="empname" value="<%="e.getEmpname()%>" />
</td>
</tr>
<tr>
<td>Designation</td>
<td>
<input type="text" name="designation" value="<%="e.getDesignation()%>" />
</td>
</tr>
<tr>
<td>Department</td>
<td>
<select name="deptid">
<option value="0"--Select Department--</option>
<%
try {
    Class.forName("com.mysql.jdbc.Driver");
    Connection con =
DriverManager.getConnection("jdbc:mysql://localhost/Ass3", "root", "brinda");
    PreparedStatement ps = con.prepareStatement("select * from
deptTB");
    ResultSet rs = ps.executeQuery();

    while (rs.next()) {
%>
<option value="<%="rs.getInt(1)%>" selected="<%="e.getDeptid()%>"><%="rs.getString(2)%"></option>
<%
}
    } catch (ClassNotFoundException | SQLException ex) {
        ex.printStackTrace();
    }
%>
</select>
</td>
```

```
</tr>
<tr>
    <td>
        <input type="submit" value="submit" />
    </td>
</tr>
</table>
</form>
</body>
</html>
```

==>update.jsp

```
<%@page import="beans.EmpManagementBean"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<jsp:useBean id="e" class="beans.employee" />
<jsp:setProperty property="*" name="e" />
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>
        <%
            int i = EmpManagementBean.updateEmployee(e);
            response.sendRedirect("EmpList.jsp");
        %>
    </body>
</html>
```

==>DeleteEmp.jsp

```
<%@page import="beans.employee"%>
<%@page import="beans.EmpManagementBean"%>
<%@page contentType="text/html" pageEncoding="UTF-8"%>
<jsp:useBean id="e" class="beans.employee" />
<!DOCTYPE html>
<html>
    <head>
        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
        <title>JSP Page</title>
    </head>
    <body>
        <%
            int empid = Integer.parseInt(request.getParameter("id"));
        %>
```

Assignment-3

Roll No = 38

```
    EmpManagementBean.deleteEmployee(empid);
    response.sendRedirect("EmpList.jsp");
%
```

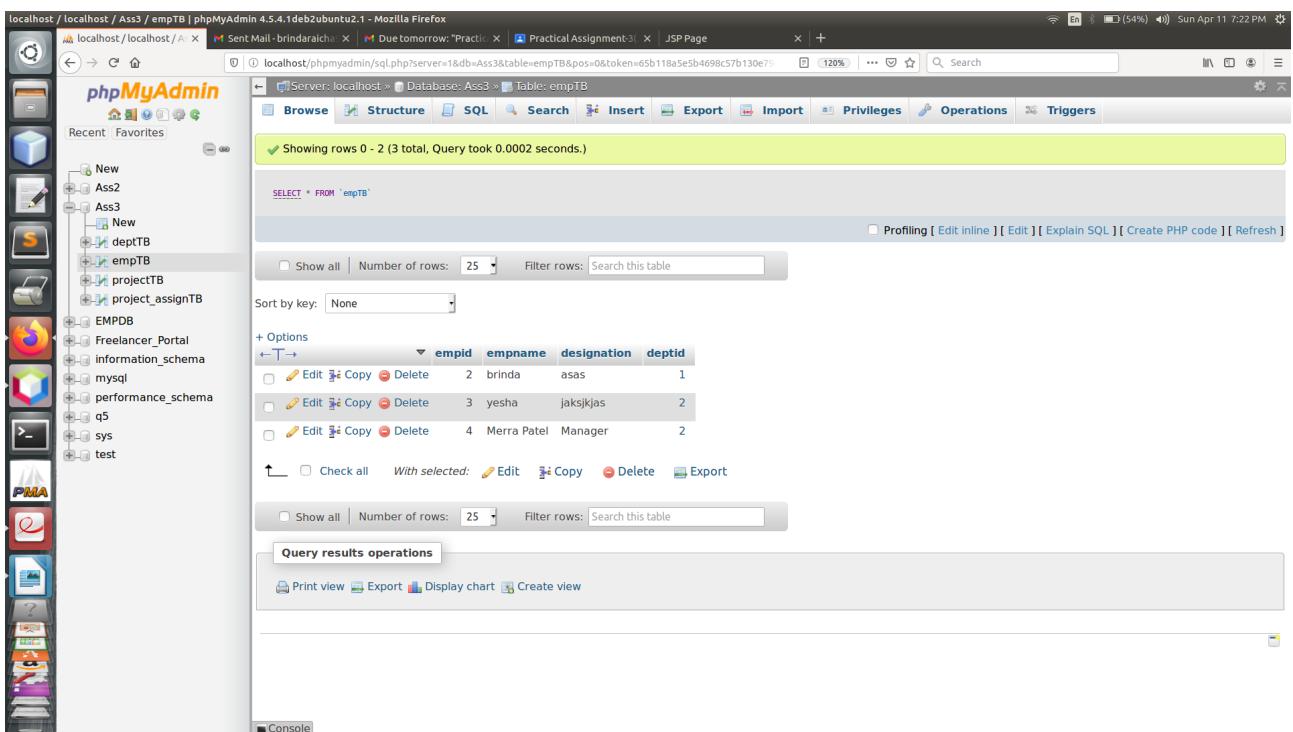
The screenshot shows the Apache NetBeans IDE interface with the following details:

- Title Bar:** Q5 - Apache NetBeans IDE 12.1
- Toolbar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Sidebar (Projects Tab):** Shows a project structure for "Freelancer_Portal_EJB-war". It includes a Web Pages folder containing files like WEB-INF, AddEmp.jsp, DeleteEmp.jsp, EmpAssignProjectList.jsp, EmpList.jsp, Login.jsp, LoginCheck.jsp, RegForm.jsp, UpdateEmp.jsp, and update.jsp. There are also Source Packages and beans folders.
- Code Editor:** The main window displays the Java code for `EmpManagementBean.java`. The code defines a class `EmpManagementBean` with methods `getConnection()` and `addEmployee(employee e)`. The `getConnection()` method establishes a connection to a MySQL database using JDBC. The `addEmployee` method inserts a new employee record into a table named `empTB`.
- Status Bar:** Shows the file name as `beans.EmpManagementBean`, the current line as `try {`, and the status message `getConnection > try > catch ClassNotFoundException|SQLException ex`.

The screenshot shows the phpMyAdmin interface for a MySQL database named 'Ass3'. The left sidebar lists various databases, with 'Ass3' selected. The main area displays the structure of four tables: deptTB, empTB, projectTB, and project_assignTB. Each table has columns for ID, Name, and other attributes. A 'Create table' form is open at the bottom left, showing fields for 'Name:' and 'Number of columns: 4'. The top navigation bar includes tabs for Structure, SQL, Search, Query, Export, Import, Operations, Privileges, Routines, Events, Triggers, and Designer.

Table	Action	Rows	Type	Collation	Size	Overhead
deptTB	Browse Structure Search Insert Empty Drop	2	InnoDB	latin1_swedish_ci	16 KIB	-
empTB	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	32 KIB	-
projectTB	Browse Structure Search Insert Empty Drop	3	InnoDB	latin1_swedish_ci	16 KIB	-
project_assignTB	Browse Structure Search Insert Empty Drop	11	InnoDB	latin1_swedish_ci	48 KIB	0 B
4 tables	Sum					

Assignment-3
Roll No = 38



The screenshot shows the phpMyAdmin interface for a MySQL database named 'Ass3'. The left sidebar lists databases like 'Ass2', 'Ass3', 'EMPDB', 'Freelancer_Portal', 'information_schema', 'mysql', 'performance_schema', 'q5', 'sys', and 'test'. The 'Ass3' database is selected, and its tables are listed: 'deptTB', 'empTB', 'projectTB', and 'project_assignTB'. The 'empTB' table is currently selected and displayed in the main pane. A SQL query 'SELECT * FROM empTB' is shown above the results. The results table has columns: empid, empname, designation, and deptid. There are four rows of data:

	empid	empname	designation	deptid
<input type="checkbox"/>	2	brinda	asas	1
<input type="checkbox"/>	3	yesha	jaksjkjas	2
<input type="checkbox"/>	4	Merra Patel	Manager	2

Below the table, there are buttons for 'Edit', 'Copy', 'Delete', and 'Export'. The bottom of the page features a 'Query results operations' section with links for 'Print view', 'Export', 'Display chart', and 'Create view'.