❖ **Develop a simple JSP application to pass values from one page to another with validations. (Name-txt, age-txt, hobbies-checkbox, email-txt, gender-radio button).**

➢ **Code:**

## ● **index.html**

<html>

<head>

<title>Practical 8</title>

<meta charset="UTF-8">

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

</head>

<body>

<form action="validate.jsp">

Enter Your Name: <input type="text" name="name" ><br><br> Enter Your Age: <input type="text" name="age" ><br><br> Select Hobbies:

<input type="checkbox" name="hob" value="Gaming">Gaming

<input type="checkbox" name="hob" value="Singing">Singing

<input type="checkbox" name="hob" value="Reading">Reading Books

<input type="checkbox" name="hob" value="Football">Playing Football <br><br> Enter E-mail: <input type="text" name="email" ><br><br>

Select Gender:

<input type="radio" name="gender" value="male">Male

<input type="radio" name="gender" value="female">Female

<input type="radio" name="gender" value="other">Other<br><br>

<input type="hidden" name="error" value="">

<input type="submit" value="Submit Form">

</form>

</body>

</html>

## ● **validate.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>

<jsp:useBean id="obj" scope="request" class="mypack.CheckerBeans" />

<jsp:setProperty name="obj" property="\*" />

<% if (obj.validate()) { %>

<jsp:forward page="successful.jsp" />

<% } else {%>

<jsp:include page="index.html" />

<div>

<%= obj.getError()%>

</div>

<% }%>

</body>

</html>

## ● **successful.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 bgcolor="lightgreen">

<h1>Welcome!!!</h1>

</body>

</html>

## ● **CheckerBeans.java**

package mypack;

import javax.servlet.http.HttpServlet;

public class CheckerBeans extends HttpServlet { private String name, age, hob, email, gender, error;

public CheckerBeans() { error = "";

}

public void setName(String n) { name = n;

}

public void setAge(String a) { age = a;

}

public void setHob(String h) { hob = h;

}

public void setEmail(String e) { email = e;

}

public void setGender(String g) { gender = g;

}

public void setError(String e) { error = e;

}

public String getName() { return name;

}

public String getAge() { return age;

}

public String getHob() { return hob;

}

public String getEmail() { return email;

}

public String getGender() { return gender;

}

public String getError() { return error;

}

public boolean validate() { boolean res = true;

error = "";

if (name == null) {

error += "<br>Enter First Name"; res = false;

}

if (age == null) {

error += "<br>Enter Age"; res = false;

} else if (age.length() > 2) { error += "<br>Age Invalid"; res = false;

}

if (hob == null) {

error += "<br>Select Hobby"; res = false;

}

if (email == null) {

error += "<br>Enter Email"; res = false;

}

if (gender == null) {

error += "<br>Select Gender"; res = false;

}

return res;

}

}