1.Create a web page which contains the fields like Fname, Lname, age, address, City. Have the radio buttons and check box as per your respective design. Use JSPs, CSS and JSTL tags. Also write simple Javascript method to validate the above fields.

<%@ page language=*"java"* contentType=*"text/html; charset=ISO-8859-1"*

pageEncoding=*"ISO-8859-1"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"ISO-8859-1"*>

<title>Registration form</title>

</head>

<body>

<h1> Register Form</h1>

<form action=*"success.jsp"* method=*"post"* name=*"myform"*>

<table style="with: *50%*">

<tr>

<td>First Name</td>

<td><input type=*"text"* name=*"first\_name"* class=*"form-control"* required/></td>

</tr>

<tr>

<td>Last Name</td>

<td><input type=*"text"* name=*"last\_name"* class=*"form-control"* required/></td>

</tr>

<tr>

<td>Age</td>

<td><input type=*"text"* name=*"age"* class=*"form-control"* required /></td>

</tr>

<tr>

<td>Gender</td>

<td><input type=*"radio"* name=*"male"* value=*"1"* class=*"form-control"* /> Male

<input type=*"radio"* name=*"female"* value=*"0"* class=*"form-control"* /> Female</td>

</tr>

<tr>

<td>Address</td>

<td><input type=*"text"* name=*"address"* class=*"form-control"* /></td>

</tr>

<tr>

<td>City</td>

<td><input type=*"text"* name=*"city"* class=*"form-control"*/></td>

</tr></table>

<input type=*"submit"* value=*"Submit"* class=*"form-control"* /></form>

<script>

**function** validateform(){

**var** fname=document.myform.first\_name.value;

alert(fname);

**if**(fname.length<2){

alert("fname must be at least 2 characters long.");

**return** **false**;

}

**if**(document.getElementById('male').checked == **false**) {

document.write("Summer radio button is selected");

} **else** {

document.write("Summer radio button is not selected");

}

}

</script>

</body>

</html>



1. Write a standalone class to show how to connect to the Database(mysql) from Java application.

package com.db.ust;

import java.sql.Connection;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.Statement;

public class DBConnect {

public static void main(String[] args) {

try {

Class.forName("com.mysql.jdbc.Driver");

Connection con= DriverManager.getConnection("jdbc:mysql://localhost:3306/Sample","root","root");

Statement stmt= ((java.sql.Connection) con).createStatement();

ResultSet rs=stmt.executeQuery("select \* from emp");

while(rs.next())

System.out.println(rs.getInt(1)+" "+rs.getString(2)+" "+rs.getString(3));

con.close();

}

catch(Exception e) {

System.out.println(e);

}

}

}



1. Create simple web pages using Angular Js and React Components.

