Web Programming
Lab – 4
HTML – Forms

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Slot: L11+L12+L31+L32
Class No: CH2024250502774
Course Code: BCSE203E
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Question 1:

1. Write an HTML program to design the form below

Login

Username*

[   ]

Password*

[   ]

Gender*

○ Male ○ Female

Programming Skill

☐ Java ☑ C++ ☐ C#

Fruit

Choose a fruit: [Banana ∨]

[Enter your comment here
                                    ]

[SEND] [RESET]

Grouping the fruits (combo box) under

- Pome – Apples and pears
- Citrus – oranges, grapefruits, mandarins and limes
- Stone – nectarines, apricots, peaches and plums
- Exotic – bananas and mangoes
- Berries – strawberries, raspberries, blueberries, kiwifruit and passionfruit
- Melons – watermelons, rock-melons and honeydew melons

Code:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>23BCE1728</title>
</head>
<body>
    <h3>Exercise 4A</h3>
    <form action="">
        <fieldset style="width: 50%;">
            <legend>Login</legend>
            <label for="">Username*</label>
            <br>
            <input type="text">
            <br>
            <label for="">Password*</label>
            <br>
            <input type="text">
        </fieldset>
        <fieldset style="width: 50%;">
            <legend>Gender*</legend>
```
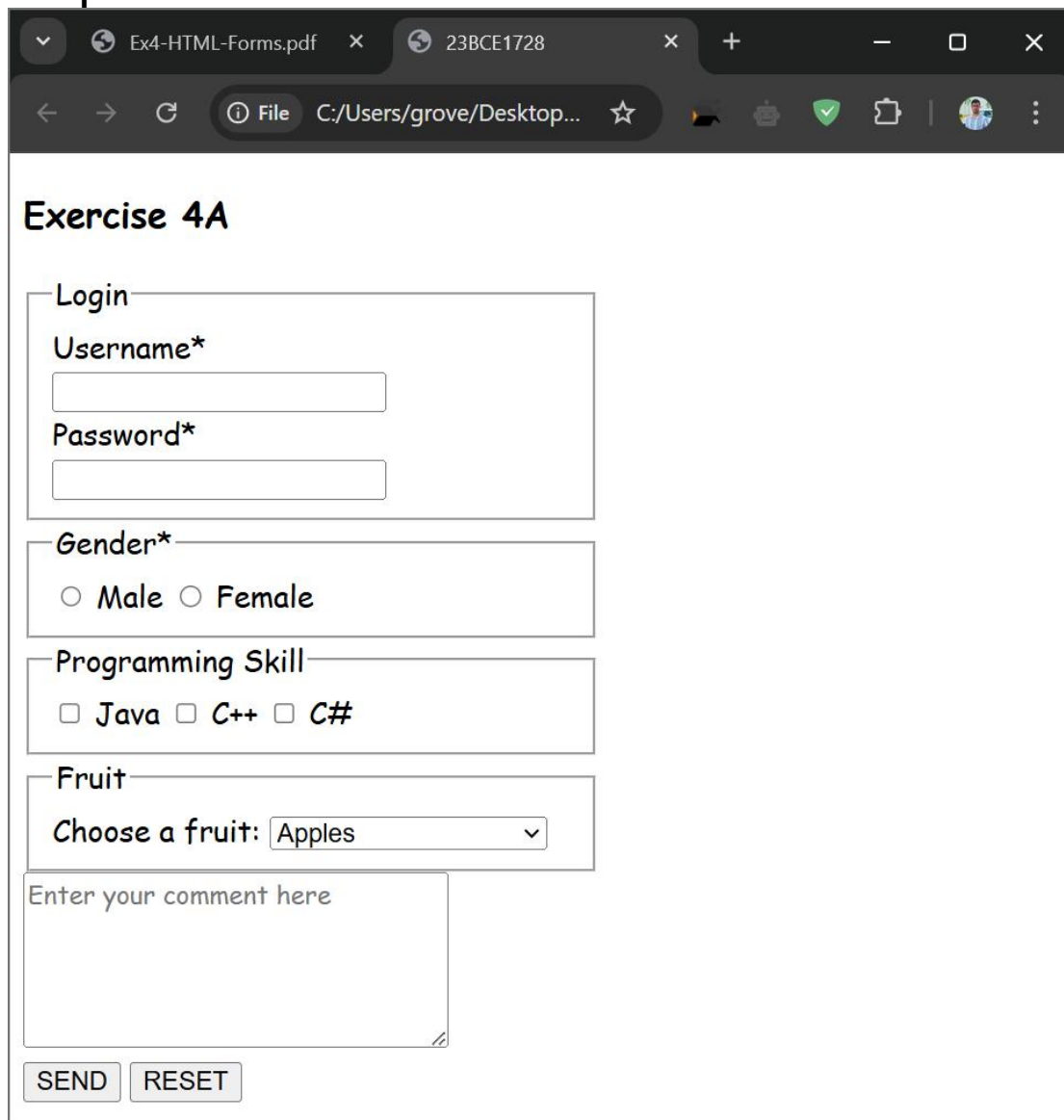
```html
                <input type="radio" name="Gender" id="">
                <label for="">Male</label>
                <input type="radio" name="Gender" id="">
                <label for="">Female</label>
            </fieldset>
            <fieldset style="width: 50%;">
                <legend>Programming Skill</legend>
                <input type="checkbox" name="" id="">
                <label for="">Java</label>
                <input type="checkbox" name="" id="">
                <label for="">C++</label>
                <input type="checkbox" name="" id="">
                <label for="">C#</label>
            </fieldset>
            <fieldset style="width: 50%;">
                <legend>Fruit</legend>
                <label for="">Choose a fruit:</label>
                <select name="" id="" size="1">
                    <optgroup label="Pome">
                        <option value="">Apples</option>
                        <option value="">Pears</option>
                    </optgroup>
                    <optgroup label="Citrus">
                        <option value="">Oranges</option>
                        <option value="">Grapefruits</option>
                        <option value="">Mandarins</option>
                        <option value="">Limes</option>
                    </optgroup>
                    <optgroup label="Stone">
                        <option value="">Nectarines</option>
                        <option value="">Apricots</option>
                        <option value="">Peaches</option>
                        <option value="">Plums</option>
                    </optgroup>
                    <optgroup label="Exotic">
                        <option value="">Bananas</option>
                        <option value="">Mangoes</option>
                    </optgroup>
                    <optgroup label="Berries">
                        <option value="">Strawberries</option>
                        <option value="">Raspberries</option>
                        <option value="">Blueberries</option>
                        <option value="">Kiwifruit</option>
                        <option value="">Passionfruit</option>
                    </optgroup>
                    <optgroup label="Melons">
                        <option value="">Watermelons</option>
                        <option value="">Rock-melons</option>
                        <option value="">Honeydew melons</option>
                    </optgroup>
                </select>
            </fieldset>
            <textarea name="" style="width: 250px;height: 100px;" id="" placeholder="Enter your comment
here"></textarea>
            <br>
            <input type="submit" value="SEND">
            <input type="reset" value="RESET">
        </form>
</body>
</html>
```

Output:

Exercise 4A

Login

Username*

Password*

Gender*

○ Male ○ Female

Programming Skill

☐ Java ☐ C++ ☐ C#

Fruit

Choose a fruit: Apples ▾

Enter your comment here

SEND   RESET

Question 2:

2. Create a resume page below using HTML5 extended form elements

Group the Degree (combo box) under
- UG – BE, BTech, BSc, BA, BCA, BBA, Others
- PG – ME, MTech, MSc, MA, MCA, MBA, Others
- PhD – Engineering, Science, Management, Others

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>23BCE1728</title>
</head>
<body>
    <h1>Exercise 2B</h1>
    <form action="">
        <fieldset style="width: 50%;">
            <legend style="color: red;">Personal Details</legend>
            <table>
                <tr>
                    <td>
                        <label for="">Name</label>
                    </td>
                    <td>:</td>
                    <td>
                        <input type="text" name="" id="">
                    </td>
                </tr>
                <tr>
                    <td>
                        <label for="">Password</label>
                    </td>
                    <td>:</td>
```

```html
            <td>
                <input type="password" name="" id="" >
            </td>
        </tr>
        <tr>
            <td>
                <label for="">E-mail id</label>
            </td>
            <td>:</td>
            <td>
                <input type="text" name="" id="">
            </td>
        </tr>
        <tr>
            <td>
                <label for="">Gender</label>
            </td>
            <td>:</td>
            <td>
                <input type="radio" name="Gender" id="">
                <label for="">Male</label>
                <input type="radio" name="Gender" id="">
                <label for="">Female</label>
            </td>
        </tr>
        <tr>
            <td>
                <label for="">DOB</label>
            </td>
            <td>:</td>
            <td>
                <input type="date" id="">
            </td>
        </tr>
        <tr>
            <td>
                <label for="">Mobile#</label>
            </td>
            <td>:</td>
            <td>
                <input type="tel" id="">
            </td>
        </tr>
    </table>
</fieldset>
<br>
<fieldset style="width: 50%;">
    <legend style="color: red;">Educational Qualification</legend>
    <table>
        <tr>
            <td>
                <label for="">Degree</label>
            </td>
            <td>:</td>
            <td>
                <select name="" id="">
                    <option value="" selected disabled>-- Select Group --</option>
                    <optgroup label="UG">
                        <option value="">BE</option>
                        <option value="">BTech</option>
                        <option value="">BSc</option>
                        <option value="">BA</option>
                        <option value="">BCA</option>
                        <option value="">BBA</option>
                        <option value="">Others</option>
                    </optgroup>
                    <optgroup label="PG">
                        <option value="">ME</option>
                        <option value="">MTech</option>
                        <option value="">MSc</option>
                        <option value="">MA</option>
                        <option value="">MCA</option>
                        <option value="">MBA</option>
```

```html
                                    <option value="">Others</option>
                                </optgroup>
                                <optgroup label="PhD">
                                    <option value="">Engineering</option>
                                    <option value="">Science</option>
                                    <option value="">Management</option>
                                    <option value="">Others</option>
                                </optgroup>
                            </select>
                        </td>
                        <td>Engineering</td>
                        <td>:</td>
                        <td>
                            <select name="" id="id2">
                                <option value="" selected disabled>-- Select Group --</option>
                                <option value="">CSE</option>
                                <option value="">ECE</option>
                                <option value="">EEE</option>
                                <option value="">CIVIL</option>
                                <option value="">MECH</option>
                            </select>
                        </td>
                    </tr>
                </table>
            </fieldset>
            <br>
            <table>
                <tr>
                    <td>Hobbies</td>
                    <td>:</td>
                    <td>
                        <input type="checkbox" name="" id="">
                        <label for="">Playing Chess</label>
                    </td>
                    <td>
                        <input type="checkbox" name="" id="">
                        <label for="">Reading Books</label>
                    </td>
                </tr>
                <tr>
                    <td>Favourite Color</td>
                    <td>:</td>
                    <td>
                        <input type="color" name="" id="">
                    </td>
                </tr>
            </table>
            <br>
            <legend style="color: red;">Address</legend>
            <textarea style="width: 50%;height: 100px;" id=""></textarea>
            <table>
                <td>
                    <label for="">Attach Resume</label>
                </td>
                <td>:</td>
                <td>
                    <input type="file" name="" id="">
                </td>
                <td>
                    <input type="submit" value="Submit">
                </td>
            </table>
        </form>
</body>
</html>
```
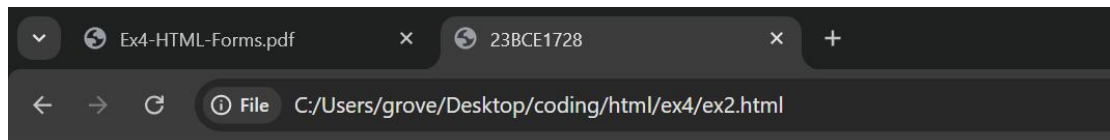
Output:

Exercise 2B

Personal Details

Name   : [_____]

Password : [_____]

E-mail id : [_____]

Gender   : ○ Male ○ Female

DOB   : [dd-mm-yyyy ▢]

Mobile# : [_____]

Educational Qualification

Degree : [-- Select Group -- ▾] Engineering : [-- Select Group -- ▾]

Hobbies   : ☐ Playing Chess ☐ Reading Books

Favourite Color : [███]

Address

[_____]

Attach Resume : [Choose File] No file chosen   [Submit]

Question 3:

3. Get feedback of a product using HTML slider control (three sliders) and add the total value using **output** element and **oninput** form attribute

Code:

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>23BCE1728</title>
</head>
<body>
    <h1>Exercise 4C</h1>
    <h3>Product Feedback</h3>
    <form oninput="x.value=parseInt(a.value)+parseInt(b.value)+parseInt(c.value)">
        <table border="1">
            <tr>
                <td>Usability:</td>
                <td>
                    <input type="range" name="usabilitty" id="a" value="0" min="0" max="5"> 5
                </td>
            </tr>
            <tr>
                <td>Design:</td>
                <td>
                    <input type="range" name="design" id="b" value="0" min="0" max="5"> 5
                </td>
```
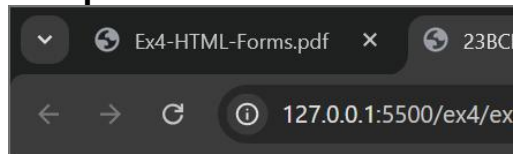
```
        </tr>
        <tr>
            <td>Quality:</td>
            <td>
                <input type="range" name="quality" id="c" value="0" min="0" max="5"> 5
            </td>
        </tr>
        <tr>
            <th align="left">Total:</th>
            <td>
                <output id="x"></output>
            </td>
        </tr>
    </table>
    </form>
</body>
</html>
```
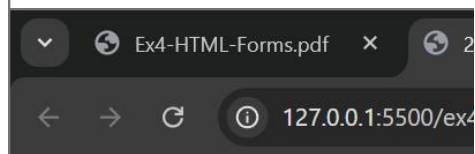
Output:

Exercise 4C

Product Feedback

Usability:	●—————————	5
Design:	●—————————	5
Quality:	●—————————	5
Total:		

Exercise 4C

Product Feedback

Usability:	●—————————	5
Design:	———●———————	5
Quality:	————————●—	5
Total:	9	