

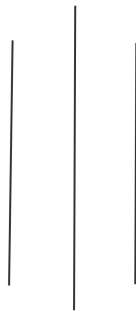
NEPAL COLLEGE OF INFORMATION TECHNOLOGY

Balkumari, Lalitpur



A Lab Report On

Subject:- Web Technology



Lab Report # 5.

Title: - Form & login Box

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Form

`<form>` is an HTML element to collect input data containing interactive controls. It provides facilities to input text, number, values, email, password, and control fields such as checkboxes, radio buttons, submit buttons, etc., or in other words, form is a container that contains input elements like text, email, number, radio buttons, checkboxes, submit buttons, etc. Forms are generally used when you want to collect data from the user. For example, a user wants to buy a bag online, so he/she has to first enter their shipping address in the address form and then add their payment details in the payment form to place an order.

Forms are created by placing input fields within paragraphs, preformatted text, lists and tables. This gives considerable flexibility in designing the layout of forms.

Syntax:

```
<form>
```

```
.....
```

```
</form>
```

Form elements

These are the following HTML `<form>` elements:

- **`<label>`**: It defines a label for `<form>` elements.
- **`<input>`**: It is used to get input data from the form in various types such as text, password, email, etc by changing its type.
- **`<button>`**: It defines a clickable button to control other elements or execute a functionality.
- **`<select>`**: It is used to create a drop-down list.
- **`<textarea>`**: It is used to input long text content.

- **`<fieldset>`**: It is used to draw a box around other form elements and group the related data.
- **`<legend>`**: It defines a caption for fieldset elements.
- **`<datalist>`**: It is used to specify predefined list options for input controls.
- **`<output>`**: It displays the output of performed calculations.
- **`<option>`**: It is used to define options in a drop-down list.

- **`<optgroup>`**: It is used to define group-related options in a drop-down list.

Table

An HTML table is defined with the “table” tag. Each table row is defined with the “tr” tag. A table header is defined with the “th” tag. By default, table headings are bold and centred. A table data/cell is defined with the “td” tag.

Example

```
<H1>A basic HTML table</H1>
<table border="1">
<tr>
<th>Company</th>
<th>Contact</th>
<th>Country</th>
</tr>
<tr>
<td>Alfreds Futterkiste</td>
<td>Maria Anders</td>
<td>Germany</td>
</tr>
<tr>
<td>Centro comercial Moctezuma</td>
<td>Francisco Chang</td>
<td>Mexico</td>
</tr>
</table>
```

Output

A basic HTML table

Company	Contact	Country
Alfreds Futterkiste	Maria Anders	Germany
Centro comercial Moctezuma	Francisco Chang	Mexico

Question 1

Q1.htmlQ3.htmlQ2.htmlq5.htmlX

lab5 > q5.html > html > body > hr

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <title>Form</title>
7  </head>
8  <style>
9      *
10     {
11         margin: 0;
12         box-sizing: border-box;
13         text-align: center;
14     }
15     body
16     {
17         position: absolute;
18         right: inherit;
19         display: flex;
20     }
21     div
22     {
23         width: 400px;
24         height: 300px;
25         border: 1px solid ;
26         border-radius: 15px;
27         padding: 30px;
28         background-color: gray;
29     }
30     form
31     {
32         position: relative;
33         left: 600px;
34         border: 1px solid ;
35         width: 400px;
36         padding: 50px;
37         margin: 20px;
38         background-color: gray;
39         border-radius: 10px;
40     }
41 </style>
42 <body>
43     <div>
44         <h2 style="color: text-align= center" >Login</h2><br>
```

0 0 0

```

Q1.html Q3.html Q2.html q5.html X
bb5 > q5.html > html > body > hr
43 <div>
44 <h2 style="color: text-align= center" >Login</h2><br>
45 <label>Username</label><input type="text" required placeholder="username" style="padding:0.4rem;"><br>
46 <br>
47 <label>Password</label><input type="password" required placeholder="password" style="padding:0.4rem;"><br><br>
48 <input type="submit" name="" id=""> <input type="reset"><br><br>
49 <a href="" style="text-align: center;">forgot password</a>
50 </div>
51 <form action="">
52 <h1>Admission form</h1><br>
53 First Name: <input type="text" placeholder="name" required><br><br>
54 last Name: <input type="text" placeholder="last aame" required><br><br>
55 Gmail: <input type="gmail" placeholder="gmail" required><br><br>
56 Password:<input type="password" required><br><br>
57 DOB: <input type="date"><br><br>
58 Contact: <input type="number"><br><br>
59 Country: <input type="Text" placeholder="Nepal" readonly><br><br>
60 Photo: <input type="file"><br><br>
61 Gender:<input type="radio" checked="">Male
62 <input type="radio">female
63 <input type="radio">Other <br><br>
64 Faculty:<input type="radio" checked="">BESE
65 <input type="radio">BEit
66 <input type="radio">BEce <br><br>
67 Hobbies:<input type="checkbox">Music
68 <input type="checkbox">football
69 <input type="checkbox">travel <br><br>
70 Riligious:<select>
71 <option value="">Hindu</option>
72 <option value="">Hindu</option>
73 <option value="">Hindu</option>
74 <option value="">Hindu</option>
75 </select><br>
76 Message:<input type=""><br>
77 Terms & condition: <input type="radio">agree
78 <input type="radio">disagree <br>
79 <button>Signup</button>
80 <button>Clear</button>
81 </form>
82 <hr><hr><hr>
83 </body>
84 </html>
85

```

Output:

Login

Username

Password

[forgot password](#)

Admission form

First Name:

last Name:

Gmail:

Password:

DOB:

Contact:

Country:

Photo: NCIT_LOGO.jpg

Gender: ☒ Male ☐ female ☐ Other

Faculty: ☒ BESE ☐ BEit ☐ BEce

Hobbies: ☐ Music ☐ football ☐ travel

Riligious:

Message:

Terms & condition: ☒ agree ☐ disagree

Question 2

a)

Code :

```
lab5 > <> Q1.html > html > body > form > fieldset
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  |   <meta charset="UTF-8">
5  |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6  |   <title>Document</title>
7  </head>
8  <body>
9  </form>
10
11
12  <table border="1" style="background-color: lightcoral;">
13  |   <tr>
14  |   |   <td>Name</td>
15  |   |   <td>Value</td>
16  |   </tr>
17  |   <tr>
18  |   |   <td>Name</td>
19  |   |   <td><input type="text"></td>
20  |   </tr>
21  |   <tr>
22  |   |   <td>Gender</td>
23  |   |   <td>
24  |   |   |   <input type="radio" name="" id="">male<br>
25  |   |   |   <input type="radio" name="" id="">female<br>
26  |   |   </td>
27  |   </tr>
28  |   <tr>
29  |   |   <td>Eye color</td>
30  |   |   <td>
31  |   |   |   <select>
32  |   |   |   |   <option>
33  |   |   |   |   |   green
34  |   |   |   |   </option>
35  |   |   |   |   <option>
36  |   |   |   |   |   gray
37  |   |   |   |   </option>
38  |   |   |   |   <option>
39  |   |   |   |   |   black
40  |   |   |   |   </option>
41  |   |   |   </select>
42  |   |   </td>
43  |   </tr>
44  |   </table>
45
```

Output:

Name	Value
Name	<input type="text"/>
Gender	<input type="radio"/> male <input type="radio"/> female
Eye color	<input type="text" value="green"/>
Check all that apply	<input type="checkbox"/> Over 6 feet tall <input type="checkbox"/> Over 200 pound
Describe your athletic ability: <div><div></div></div>	
<input type="button" value="Enter my information"/>	

B)

code:

```
<form>
  <fieldset style=" background-color: #bisque; width: 600px;">
    <legend> Registration</legend>
    <fieldset>
      <legend> personal information</legend>
      First name:<input type="text">
      last name:<input type="text"><br>
      age:<input type="num" max="2">
      <br>
      Email:<input type="email">
      Phone: <select>
        <option value="">+977</option>
        <option value=""></option>
      </select><input type="number">
      Add:<select>
        <option value="">KTM</option>
        <option value="">PKH</option>
      </select><br>
      Gerder:<input type="radio" checked>M
      <input type="radio">F
    </fieldset>
    <fieldset>
      <legend>Credential</legend>
      Username:<input type="text">
      <br>
      <br>
      Password:<input type="password">
    </fieldset>
  </fieldset>
```

```
    <fieldset>
      <legend>Intersst</legend>
      Hobby:<input type="checkbox">cricket
      <input type="checkbox">football
      <input type="checkbox">cricket <br>
      Faculty:
      <input type="checkbox">IT
      <input type="checkbox">bca
      <input type="checkbox">engineering
    </fieldset>
    College:<input type="text"><br>
    Photo:<input type="file" accept="image/*"><br>
    File:<input type="file" ><br>
    <textarea name="" id="" cols="30" rows="10"></textarea>
    <input type="submit">
    <input type="reset">
  </fieldset>
</form>
```

Output:

Registration

personal information

First name:

last name:

age:

Email:

Phone:

+977▼

Add:

KTM▼

Gerder:

☒ M ☐ F

Credential

Username:

Password:

Intersst

Hobby:

☐ cricket ☐ football ☐ cricket

Faculty:

☐ IT ☐ bca ☐ engineering

College:

Photo:

Choose file

No file chosen

File:

Choose file

No file chosen

Submit

Reset

c)

Code:

```
<> Q1.html > html > body
<style>
  .box
  {
    display: flex;
    align-items:center;
    justify-content: center;
    flex-direction: column;
    height: 300px;
    width: 300px;
    background-color: cyan;
    text-align: center;
    padding: 20px;
    border: 1px solid;
    font-family: 'Courier New', Courier, monospace;
    border-radius: 15px;

  }
  input
  {
    padding:5px;
    margin: 10px;
    border-radius: 30px;

  }
  #button
  {
    height: 20px;
    width:100px;
    font-family: 'Courier New', Courier, monospace;
    border: none;
    border-radius: 40px;
    transition: 1s ease-in-out;
    background-color: pink ;
  }
}
```

```
lab5 > Q1.html > html > body
154
155     </style>
156
157
158
159     <div class="box">
160         <h2>User login....</h2>
161         <label>Enter Name:<input type="text" required placeholder="name"></label>
162         <label>Enter Pass:<input type="password" required placeholder="password"></label><br>
163         <button id="button">SUBMIT</button>
164     </div>
165
166 </body>
167 </html>
```

Output:



User login....

Enter Name:

Enter Pass:

SUBMIT

The End