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### Practical-1

To study the HTML Form & Input Attributes.

#### Exercise-1:

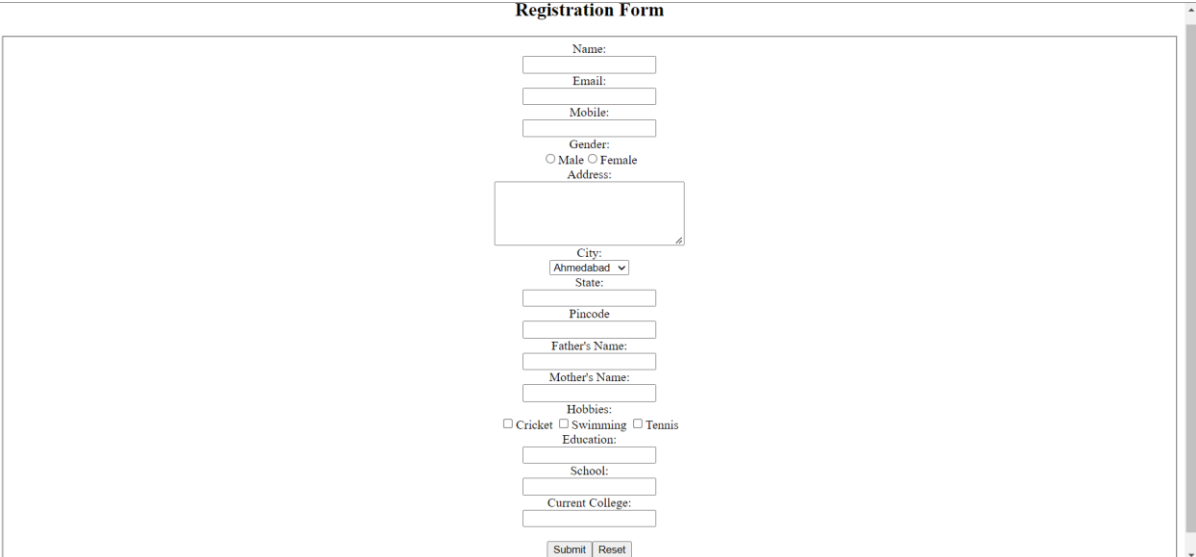
Design a student registration form such that which include all input Types of HTML form to gather information like Name, Email, Mobile, Gender, Address, City, State, Pin code Father & Mother Name, Hobbies, Education, School, Current College etc.

Input:

```
<html>
<head>
  <title>Practical 9.1</title>
</head>
<body><center>
  <h2><center>Registration Form</center></h2>
<form><fieldset>
  <label>Name:</label><br>
  <input type="text"><br>
  <label>Email:</label><br>
  <input type="text"><br>
  <label>Mobile:</label><br>
  <input type="text" required><br>
  <label>Gender:</label><br>
  <input type="radio" name="Gender" value="male">Male<input type="radio" name="Gender"
  value="female">Female<br>
  <label>Address:</label><br>
  <textarea rows="5" cols="30"></textarea><br>
  <label>City:</label><br>
  <select name="City">
```

```
<option>Ahmedabad</option>
<option>Gandhinagar</option>
<option>Mehsana</option>
<option>Anand</option>
</select><br>
<label>State:</label><br>
<input type="text"><br>
<label>Pincode</label><br>
<input type="text"><br>
<label>Father's Name:</label><br>
<input type="text"><br>
<label>Mother's Name:</label><br>
<input type="text"><br>
<label>Hobbies:</label><br>
<input type="checkbox">Cricket
<input type="checkbox">Swimming
<input type="checkbox">Tennis<br>
<label>Education:</label><br>
<input type="text"><br>
<label>School:</label><br>
<input type="text"><br>
<label>Current College:</label><br>
<input type="text"><br><br>
<input type="submit"><input type="reset">
</fieldset>
</form>
</center>
</body>
</html>
```

Output:



Exercise-2: Design a web page , which is like 'compose' page of E-mail where To text box should be prefilled and user just need to type Subject & Message. Also add button to browse the attachments.

Input:

```
<html>
<head>
<title>Practical 9.2</title>
</head>
<body>
<h2><b><center>E-MAIL</center></b></h2>
<form>
<label for="mailto">TO:</label>
<input type="text" name="mailto" value="ayushp7424@gmail.com"><br>
<label for="subject">Subject:</label>
<input type="text" name="subject"><br>
<label for="message">Message:</label><br>
<textarea id="message" cols="180" rows="30"></textarea>
<br><br>
```

```

<label for="myfile">Select a file:</label>
<input type="file" id="myfile" name="myfile"><br>
<input type="submit" value="Send">
<input type="reset">
</form>
</body>
</html>

```

Output:

#### E-MAIL

TO:

Subject:

Message:

Select a file:  No file chosen

Exercise-3: Write a HTML code to create the following output

The screenshot shows a web browser window with the address bar set to 'file:///C:/Users/Dharm'. The form contains the following elements:

- A text input field with 'http://' and a label ':Your URL'.
- A text input field with a label ':Your Username'.
- A text input field with a label ':Your E-mail'.
- Two radio buttons: 'subscribe' (selected) and 'unsubscribe'.
- An 'OPTIONS' dropdown menu.
- A checked checkbox with label 'I can recive email as html'.
- An unchecked checkbox with label 'send me a receipt for this email'.
- A text area containing the text: 'Hey ! what do you think of the form?'.
- Two buttons at the bottom: 'Send' and 'Clear'.

Input:

```
<html>

<head>

<title>Practical 9.3</title>

</head>

<body>

<form>

<input type="text" name="url" id="url" value="http://"/><label for="url"> : Your URL</label><br>

<input type="text" name="username" id="username"><label for="username"> : Your
Username</label><br>

<input type="text" name="email" id="email"><label for="email"> : Your E-mail</label><br>

<input type="radio" name="sub" id="sub"><label for="sub">Subscribe </label>

<select id="options">

<option>Yes</option>

<option>No</option>

</select>

<br><input type="radio" name="sub" id="sub"><label for="sub"><label
for="unsub">Unsubscribe</label><br>

<input type="checkbox">i can recive email as html<br>

<input type="checkbox">send me a recipt for this email<br>

<textarea cols="25" rows="7"></textarea><br>

<input type="button" value="Send">

<input type="reset">

</form>

</body>

</html>
```

Output:

---

<input type="text" value="http://"/>	: Your URL
<input type="text"/>	: Your Username
<input type="text"/>	: Your E-mail

☐ Subscribe

☐ Unsubscribe

☐ i can recive email as html

☐ send me a recipt for this email

Exercise-4: Design a Login Form where user can enter Email & Password and follow below requirements

accordingly :

- i) User when loads the page, cursor should autofocus to email address text box automatically.
- ii) User can see message inside each text box that helps to understand what to enter.
- iii)Apply Email Validation.
- iv)Apply Password Validation that accepts length > 6 & < 8. Also includes Min 1 Capital Letter and 1 Special Symbol and 1 digit.
- v) User must enter detail or else should show error.

Input of html:

```
<html>

  <head>

    <title>Login Form</title>

    <link rel="stylesheet" type="text/css" href="./style.css">

  </head>

  <body>
```

```

<div class="login-form">

  <h1>Login Form</h1>

  <form action="#" method="post">

    <p>E-mail ID</p>

    <input type="email" placeholder="someone@xyz.com" required autofocus>

    <p>Password</p>

    <input type="password" pattern="(?=.*\d)(?=.*[A-Z])(?=.*[a-z])(?=.*[#!@$_%^&*-_]\[\]).{6,8}" placeholder="Enter your Password(6-8 Characters)" title="Must contain at least one
number,one uppercase,one lowercase letter and special charcater, and 6 to 8 characters" required>

    <input type="submit" value="Submit" id="sub">

    <input type="reset" value="Reset" id="res">

  </form>

</div>

</body>

</html>

```

Input of CSS:

```

* {

    padding: 0;

    margin: 0;

    font-family: sans-serif;

}

body{

    background: url("desk.jpg") no-repeat;

    background-size: cover;

}

.Login-form{

    width: 350;

    top: 50%;

    left: 50%;

```

```
        transform: translate(-50%, -50%);
        position: absolute;
        color: #fff;
    }
```

```
.Login-form h1 {

    font-size: 40px;
    text-align: center;
    text-transform: uppercase;
    margin: 40px 0;

}
```

```
.Login-form p {

    font-size: 20px;
    margin: 15px 0;

}
```

```
.Login-form input {

    font-size: 16px;
    width: 100%;
    padding: 15px 10px;
    border: 0;
    outline: none;
    border-radius: 5px;

}
```

```
#sub{

    font-size: 18px;

    font-weight: bold;
    margin: 20px 0;
    padding: 10px 15px;
    width: 50%;

}
```



```

border-radius: 5px;

border: 0;

}

#res{

font-size: 18px;

font-weight: bold;

margin: -60px 200px;

padding: 10px 15px;

width: 50%;

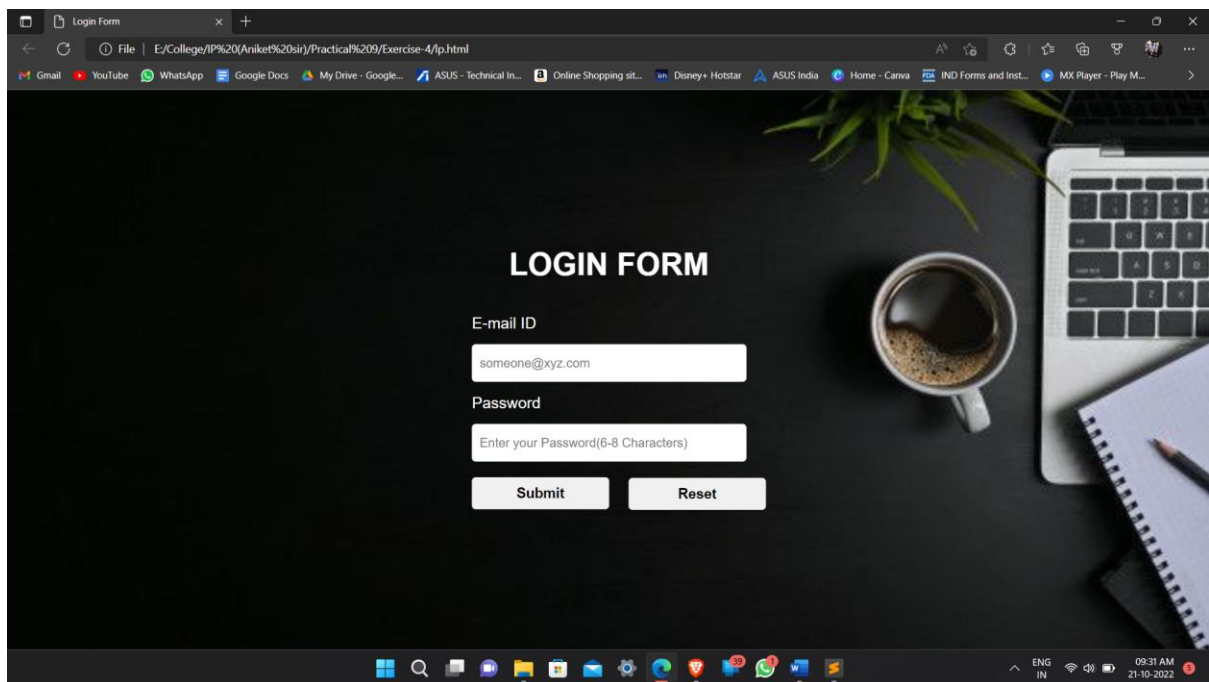
border-radius: 5px;

border: 0;

}

```

Output:



#### Exercise-5:

Design a Registration form with following requirements :

- i) Form should include student's full name, enrollment number, address, mobile, email, gender and date of birth as input
- ii) User should have two Buttons to submit i.e. Button 1 & Button 2 having its value as "Submit 1" & "Submit 2" respectively.
- iii) When User clicks Button 1, they should get redirect to "Practical6Exercise1.html" using method 'Get' after Validation.
- iv) When User clicks Button 2, they should get redirect to "Practical6Exercise4.html" using method 'Post' without Validation i.e. No <input> should validate any data entered by user.

Input:

```
<html>
<head>
<title>Practical 9.5</title>
</head>
<body style="background-color: grey;"><center>
<h1><u><strong><center>Registration Form</center></strong></u></h1><br>
<form>
<label>Full Name: &nbsp;&nbsp;&nbsp;&nbsp;</label>
<input type="text" required autofocus><br><br>
<label>Enrollment Number: &nbsp;&nbsp;&nbsp;&nbsp;</label>
<input type="text" required><br><br>
<label>Address: &nbsp;&nbsp;&nbsp;&nbsp;</label>
<input type="text" maxlength="10"><br><br>
<label>Mobile: &nbsp;&nbsp;&nbsp;&nbsp;</label>
<input type="numbers" required><br><br>
<label>E-mail: </label>
<input type="email" required><br><br>
<label>Gender: </label>
```

```

<input type="radio" name="Gender">Male<input type="radio" name="Gender">Female<br><br>
<label>Date of Birth: &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;</label>

<input type="text" required><br><br>

<input type="submit" formmethod="get" formaction="9.5.1.html" value="Submit1">

<input type="submit" formmethod="post" formnovalidate="formnovalidate"
formaction="9.5.2.html" value="Submit2">

</form>

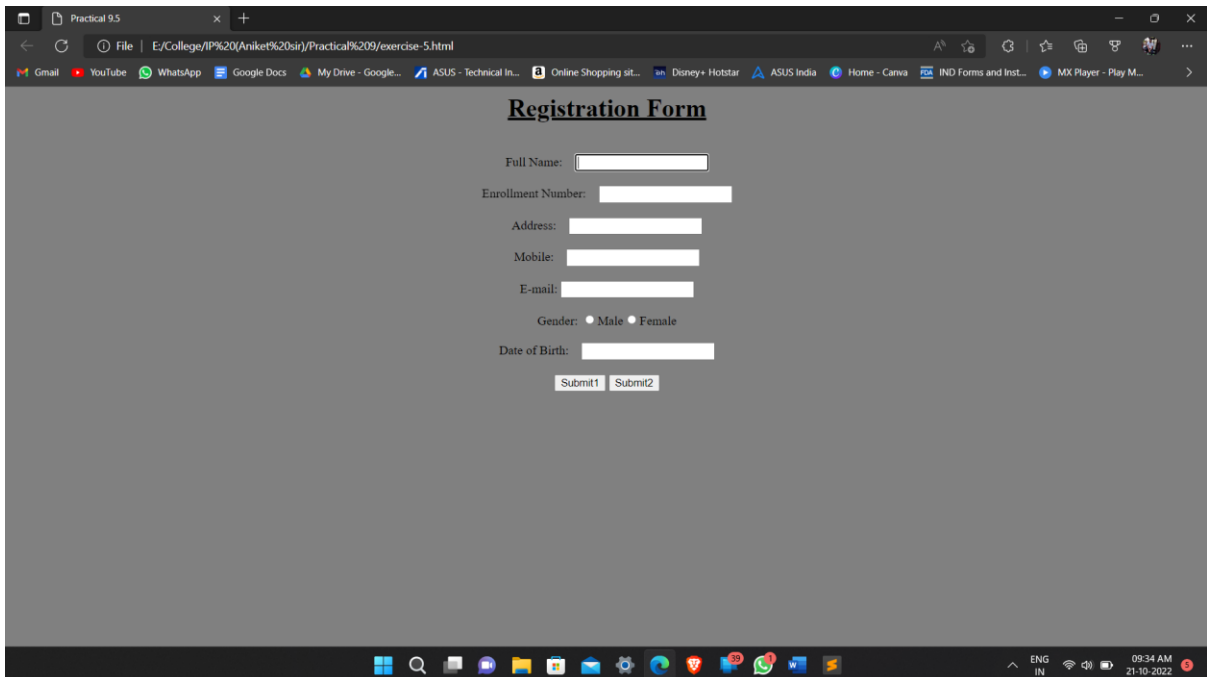
</body>

</center>

</html>

```

Output:



The screenshot shows a web browser window with a single tab titled 'Practical 9.5'. The address bar shows the file path 'E:/College/IP%20(Aniket%20sir)/Practical%209/exercise-5.html'. The browser's toolbar includes various icons for search, home, and other functions. The main content area displays a registration form with the following elements:

- Registration Form**: The title of the form, centered at the top.
- Full Name:** A text input field.
- Enrollment Number:** A text input field.
- Address:** A text input field.
- Mobile:** A text input field.
- E-mail:** A text input field.
- Gender:** Two radio buttons labeled 'Male' and 'Female'.
- Date of Birth:** A text input field.
- Submit1** and **Submit2**: Two buttons at the bottom of the form.

The Windows taskbar is visible at the bottom of the screen, showing various application icons and the system clock indicating 09:34 AM on 21-10-2022.