

FORM

In HTML, a <form> element is used to create an interactive form for collecting user inputs. Forms are typically used for submitting data to a web server, such as login information, comments, or other kinds of user input.

Basic Structure:

```
html
<form>
  <input type="text" id="name" name="name">

  <label for="email">Email:</label>
  <input type="email" id="email" name="email">

  <input type="submit" value="Submit">
</form>
```

Key Attributes:

- **action:** Defines the URL to which the form data will be sent when submitted.
- **method:** Specifies how the data is sent. The two main methods are:
- **GET:** Appends form data to the URL in name/value pairs (not secure for sensitive data).
- **POST:** Sends form data as a part of the HTTP request body (more secure for sensitive data).

Common Form Elements:

<input>: Allows for various types of input, such as text, passwords, checkboxes, and radio buttons.

type="text": Single-line text input.

type="password": Masked text input.

type="submit": Submit button to send form data.

<textarea>: Multi-line text input.

<select>: Dropdown menu.

<button>: A clickable button.

FORM1.HTML

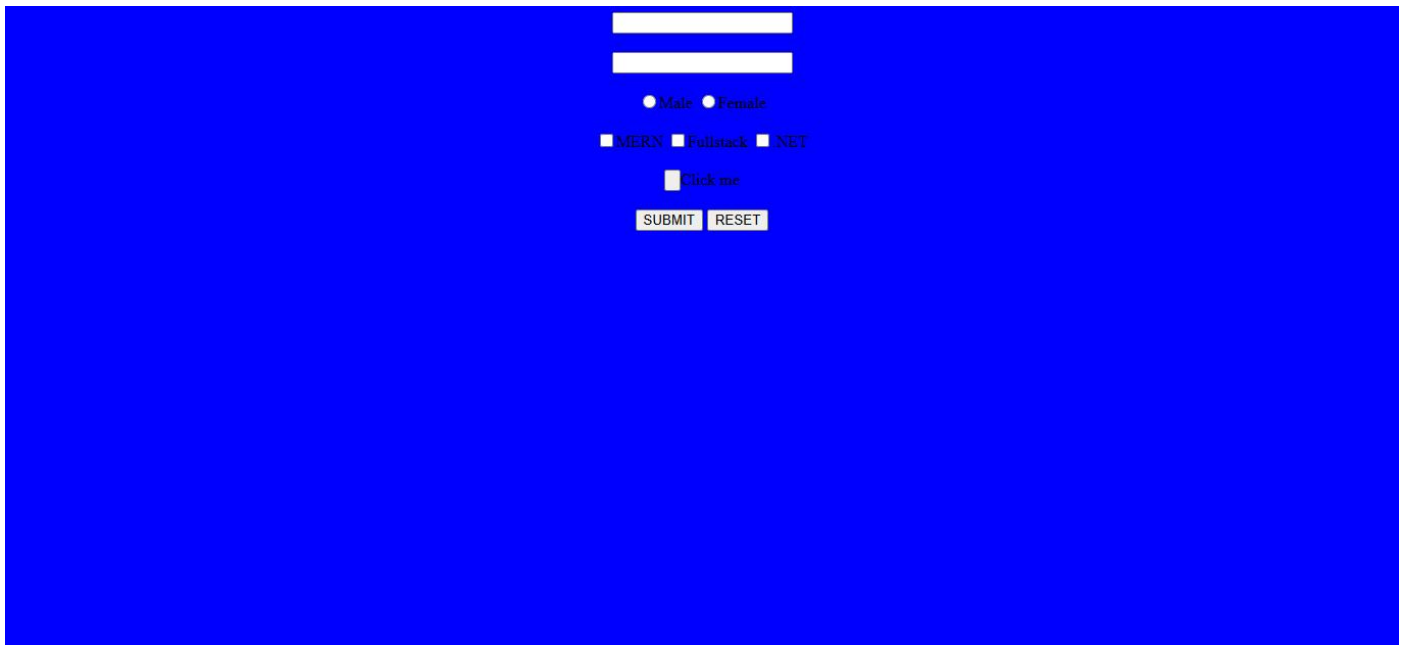
```
<html>
<head>
  <title>Shirley Eunice</title>
</head>
<body bgcolor="blue">
  <form align="center">
    <input type="text" name="text1"/><br><br>
```

```

<input type="password" name="password1"/><br><br>
<input type="radio" name="gender"> Male<br>
<input type="radio" name="gender"> Female<br><br>
<input type="checkbox" name="course"> MERN<br>
<input type="checkbox" name="course"> Fullstack<br>
<input type="checkbox" name="course"> .NET<br><br>
<input type="button" name="button1" value="Click me"/><br><br>
<input type="submit" value="SUBMIT"/>
<input type="reset" value="RESET"/>
</form>
</body>
</html>

```

OUTPUT:



FORM2. HTML

```

<html>
<head>
  <title>Shirley Eunice</title>
</head>
<body bgcolor="yellow">
  <form>
    <table border="1" width="400" height="200" cellpadding="1" cellspacing="1">
      <tr>
        <td align="left"><b>USER NAME</b></td>
        <td width="50%"><input type="text" name="text1"/></td>
      </tr>
    </table>
  </form>
</body>
</html>

```

```

<tr>
  <td align="left"><b>PASSWORD</b></td>
  <td><input type="password" name="password1"/></td>
</tr>
<tr>
  <td><input type="submit" value="SUBMIT"/></td>
  <td><input type="reset" value="CLEAR"/></td>
</tr>
</table>
</form>
</body>
</html>

```

OUTPUT:

| | |
|---------------------------------------|-------------------------------------|
| USER NAME | <input type="text"/> |
| PASSWORD | <input type="password"/> |
| <input type="submit" value="SUBMIT"/> | <input type="reset" value="CLEAR"/> |

FORM3.html:

```

<html>
<head>
  <title>Shirley Eunice</title>
</head>
<body>
  <form>
    <table border="1" width="50%" cellpadding="10" cellspacing="0.5">
      <tr>
        <td colspan="2">
          <h1><center>REGISTRATION</center></h1>
        </td>
      </tr>
      <tr>
        <td align="right">USERNAME</td>
        <td width="50%"><input type="text" name="text1"/></td>

```

```

</tr>
<tr>
  <td align="right">PASSWORD</td>
  <td width="50%"><input type="password" name="password1"/></td>
</tr>
<tr>
  <td align="right">EMAIL ID</td>
  <td width="50%"><input type="email" name="email1"/></td>
</tr>
<tr>
  <td align="right">GENDER</td>
  <td>
    <input type="radio" name="gender" value="male"> Male
    <input type="radio" name="gender" value="female"> Female
  </td>
</tr>
<tr>
  <td align="right">MOBILE</td>
  <td><input type="text" name="mobile1"/></td>
</tr>
<tr>
  <td align="center"><input type="submit" value="REGISTER"/></td>
  <td align="center"><input type="reset" value="CANCEL"/></td>
</tr>
</table>
</form>
</body>
</html>

```

OUTPUT:

| REGISTRATION | |
|-----------------------------------------|---------------------------------------------------------|
| USERNAME | <input type="text"/> |
| PASSWORD | <input type="password"/> |
| EMAIL ID | <input type="email"/> |
| GENDER | <input type="radio"/> Male <input type="radio"/> Female |
| MOBILE | <input type="text"/> |
| <input type="submit" value="REGISTER"/> | <input type="reset" value="CANCEL"/> |