

Objective:

Build a website that conforms to HTML5 standards and has the following elements: doctype, html, title, body, head, div, p, headings, image, anchor, table, audio, video, embed, iframe, form, input, select, progress, fieldset, label, html comment etc..

Description:**HTML Form Elements**

All forms start with the <FORM> tag and end with </FORM>. All other form objects go between these two tags.

The form tag has two main properties: METHOD and ACTION.

```
<form action="/action_page.php" method="get"> </form>
```

The <form> element can contain one or more of the following form elements:

- <input>
- <textarea>
- <button>
- <select>
- <option>
- <fieldset>
- <label>

The <input> tag specifies an input field where the user can enter data. <input> elements are used within a <form> element to declare input controls that allow users to input data. An input field can vary in many ways, depending on the type attribute.

```
<form action="/action_page.php" method="get">  
    First name: <input type="text" name="fname"><br>  
    Last name: <input type="text" name="lname"><br>  
    <input type="submit" value="Submit">  
</form>
```

Input Types:

Here are the different input types you can use in HTML:

```
<input type="button">  
<input type="checkbox">
```

```
<input type="date">
<input type="datetime-local">
<input type="email">
<input type="file">
<input type="hidden">
<input type="image">
<input type="month">
<input type="number">
<input type="password">
<input type="radio">
<input type="range">
<input type="reset">
<input type="search">
<input type="submit">
<input type="tel">
<input type="text">
<input type="time">
<input type="url">
<input type="week">
```

The `<textarea>` tag defines a multi-line text input control. A text area can hold an unlimited number of characters, and the text renders in a fixed-width font (usually Courier). The size of a text area can be specified by the `cols` and `rows` attributes, or even better; through CSS' `height` and `width` properties.

```
<textarea rows="4" cols="50">
</textarea>
```

The `<select>` element is used to create a drop-down list. The `<option>` tags inside the `<select>` element define the available options in the list.

```
<select>
  <option value="volvo">Volvo</option>
  <option value="saab">Saab</option>
  <option value="mercedes">Mercedes</option>
  <option value="audi">Audi</option>
</select>
```

The <fieldset> tag is used to group related elements in a form. The <fieldset> tag draws a box around the related elements.

```
<form>
  <fieldset>
    <legend>Personalia:</legend>
    Name: <input type="text"><br>
    Email: <input type="text"><br>
    Date of birth: <input type="text">
  </fieldset>
</form>
```

Media Elements:

The following are the most popular media elements.

- **audio**

- Audio element is used for defining or creating a music element in your simple HTML page.

```
<audio controls>
  <source src = "1.mp3" type = "audio/mpeg" >
</audio>
```

- **video:** The Video element creates a video element in your HTML page.

```
<video controls>
  <source src = "1.mp4" type = "video/mp4" >
</video>
```

- **embed**

- It is also called a container because as the name suggests it is used for defining containers for the external applications or we can say plug-ins for the applications.

```
<embed src="1.swf">
```

Sample web page design:



Ms.Mariah Caraiban

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Personal Information

User name: *

Password: *

Reg. No.: *

Age: *

Gender:
 Male Female

DOB: *

Favorite Color:

Change Profile Photo: No file chosen.

Contact Information

Address:

State: *

Zipcode: *

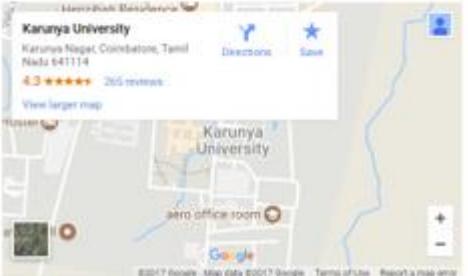
Mobile: (+91)99999 99999

Email: *

URL: *

I verified





Your address

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