

Agenda

- HTML Forms
- Videos
- iframes



HTML Forms

- Used to collect user input.
- The user input is most often sent to a server for processing

HTML Forms : <form> Tag

- Container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.

```
<form action= "URL" method="get" target="_self">
```

blank

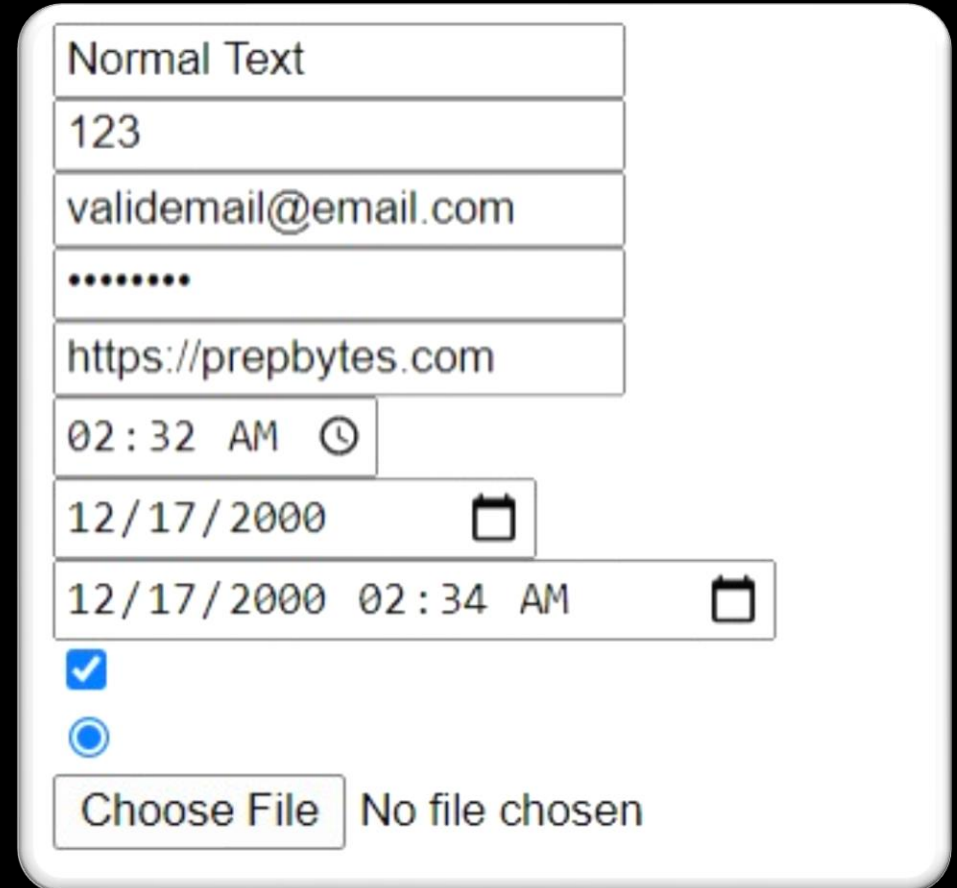
↑ default

HTML Forms : `<input>` Tag

- The HTML `<input>` element is the most used form element.
- An `<input>` element can be displayed in many ways, depending on the type attribute
- The default value of the type attribute is text.

HTML Forms : <input> Tag

```
<input type="text"><br>
<input type="number"><br>
<input type="email"><br>
<input type="password"><br>
<input type="url"><br>
<input type="time"><br>
<input type="date"><br>
<input type="datetime-local"><br>
<input type="checkbox"><br>
<input type="radio"><br>
<input type="file"><br>
```



Normal Text

123

validemail@email.com

.....

https://prepbytes.com

02:32 AM 🕒

12/17/2000 📅

12/17/2000 02:34 AM 📅

☒


☐

Choose File No file chosen

HTML Forms : <input> Tag required Attribute

- The required attribute is a Boolean attribute.
- When present, it specifies that an input field must be filled out before submitting the form.

```
<form>  
  <input type="text" required>  
  <button type="submit" >  
</form>
```



Submit

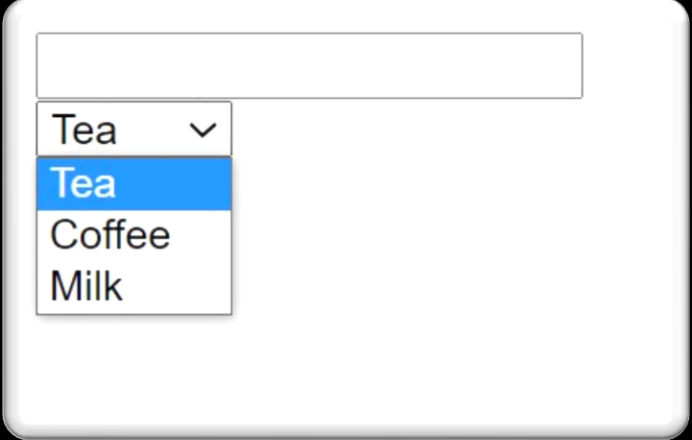
! Please fill out this field.

HTML Forms : `<select>` Tag

- The `<select>` element is used to create a drop-down list.
- Dropdown is used to select the options from the list which is having in the dropdown box.
- Each item in the Dropdown List is wrapped inside a `<option>` tag.

HTML Forms : <select> Tag

```
<form>
  <input type="text" name="username"><br>
  <select name="dropdown">
    <option value="Tea">Tea</option>
    <option value="Coffee">Coffee</option>
    <option value="milk">Milk</option>
  </select>
</form>
```



The image shows a web form with a text input field and a dropdown menu. The dropdown menu is open, showing three options: Tea, Coffee, and Milk. The 'Tea' option is currently selected and highlighted in blue. The form is displayed on a white background with a subtle reflection below it.

HTML Forms : <textarea> Tag

- The <textarea> element is used to create a multi-line text input control .

```
<form>  
    <textarea name="bio" rows="4" cols="50" placeholder="Enter Bio">  
</form>
```



HTML Forms : `<label>` Tag

- The `<label>` tag defines a label for several input elements.
- The `for` attribute of `<label>` must be equal to the `id` attribute of the related element to bind them together.
- A label can also be bound to an element by placing the element inside the `<label>` element.

HTML Forms : <label> Tag

```
<form>  
  <label for="firstName">Name :</label>  
  <input type="text" id="firstName" placeholder="Enter Name">  
</form>
```

Name :

HTML : `<button>` Tag

- The `<button>` tag defines a clickable button.
- Inside a `<button>` element you can put text and other tags. That is not possible with a button created with the `<input>` element.
- Default type of button is 'submit' , it has two other types which are 'reset' and 'button'.

HTML : <button> Tag

```
<form>  
  <label for="firstName">Name :</label>  
  <input type="text" id="firstName" placeholder="Enter Name">  
  <button type="submit">Submit</button>  
  <button type="reset">Reset</button>  
</form>
```

Name :

Submit

Reset

HTML : `<video>` Tag

- HTML `<video>` tag is used to embed a video content in the webpage. it is similar to the `` tag.
- There are three supported video formats in HTML :
MP4, WebM , OGG.
- The Video tag contains one or more `<source>` tags with different video sources . The browser will choose the first source it supports .

HTML : <video> Tag Attributes

- `autoplay (Boolean)` : As soon as the video is ready it plays automatically .
- `controls (Boolean)` : Enables controls of the video .
- `height(in pixels)` : Specifies the height of the video player.
- `width(in pixels)` : specifies the width of the video player.
- `loop (Boolean)` : Video will start over again , every time it's finished.
- `muted (Boolean)` : Specifies the audio of the video should be muted .
- `src(source)` : Specifies the URL/Address of the video file.
- Note : The `autoplay` attribute doesn't work when the video is unmuted .

HTML : <iframe> Tag

- An inline frame(iframe) is used to embed another web page with in the current HTML document .

```
<body>  
  <h1>Parent Page</h1>  
  <iframe src="./index.html" width="500px"></iframe>  
</body>
```