

Chapter 6 : HTML Forms

HTML Forms :

Form is a part of web page.

It is used to collect user input through elements like text fields, check box and radio button, select option, text area, submit buttons and etc.

Form works like a container which consists of controls known as form elements.

The HTML <form> tag is used to create an HTML form.

Syntax:

```
<form action="Script URL" method="GET/POST">  
form elements and layout tags  
</form>
```

Form Attributes

Attribute	Description
action	Specifies the encoding of the submitting data
enctype	Used to give a name to the control.
method	Specify the method to be used to upload data.
name	Used to identify and retrieve values from each form on the web page.
target	Indicates the target of the address in the action attribute.

1. Creating text box

The `<input>` tag is used to create form elements.
It does not have end tag.

Attributes of `<input>` tag

Attribute	Description
Type	Specifies the type of input control.
Name	Used to give a name to the control.
Id	Used to identify the input field uniquely.
Size	Used to specify the width of the text-input control in terms of characters.
Value	It is default text or number that is displayed in the text field.
Maxlength	Used to specify the maximum number of characters a user can enter into a input field.

Example: Text Input Control

```
<!DOCTYPE html>
<html>
  <head>
    <title>Text Input Control Example</title>
  </head>
  <body>
    <form >
      Name: <input type="text" name="name" />
      <br>
      Mobile No: <input type="text" name="mob_no" />
    </form>
  </body>
</html>
```

Output:

Name:	<input type="text"/>
Mobile No:	<input type="text"/>

2. Creating password

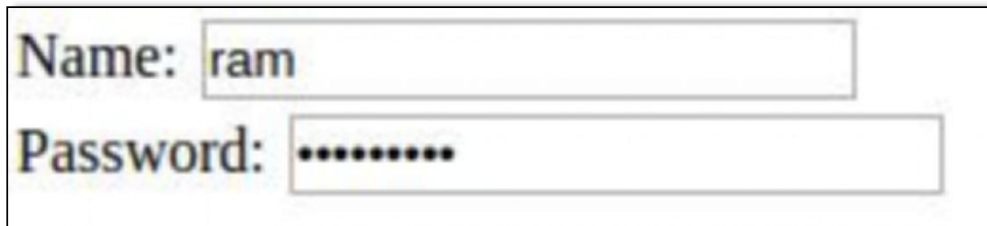
A password field is nothing but the text box in which the characters typed by the user are displayed as bullet or asterisks.

Example: Password Box

```
<!DOCTYPE html>
<html>
  <head>
    <title>Password Field Example</title>
  </head>
```

```
<body>
  <form >
    Name: <input type="text" name="name" />
    <br>
    Password: <input type="password" name="password" />
  </form>
</body>
</html>
```

Output:



Name:

Password:

3. Creating Submit Button

Submit button is used to send the form's data to the specified URL.

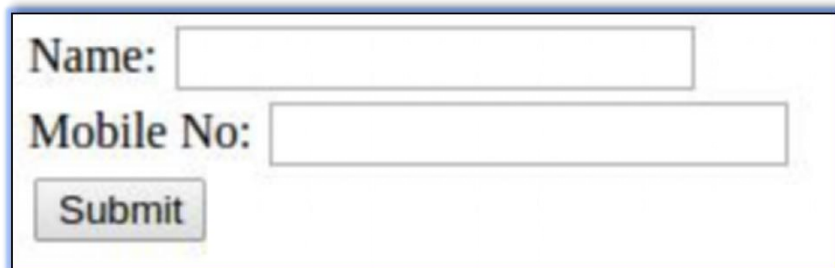
Example: Submit Button

```
<!DOCTYPE html>
<html>
  <head>
    <title>Submit Button Example</title>
  </head>
  <body>
    <form >
      Name: <input type="text" name="name" />
      <br>
```



```
Mobile No: <input type="text" name="mob_no" />  
          <br>  
          <input type="submit" value="Submit">  
        </form>  
      </body>  
</html>
```

Output:



The screenshot displays a web form with a blue border. It contains two text input fields: the first is labeled 'Name:' and the second is labeled 'Mobile No:'. Below these fields is a button labeled 'Submit'.

4. Creating Radio Button

Radio button is used to select a single option from the list of options.

Example: Radio Button

```
<!DOCTYPE html>
```

```
<html>
```

```
  <head>
```

```
    <title>Radio Button Example</title>
```

```
  </head>
```

```
  <body>
```

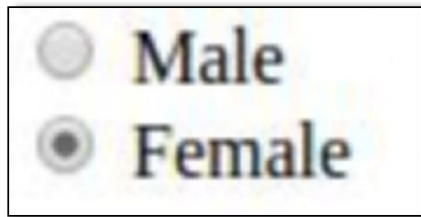
```
    <form >
```

```
      <input type="radio" name="gender" value="male"> Male
```

```
    </br>
```

```
<input type="radio" name="gender" value="female"> Female  
  </form>  
  </body>  
</html>
```

Output:



5. Creating Check Box

Check box is used to select more than one option from the list of options.

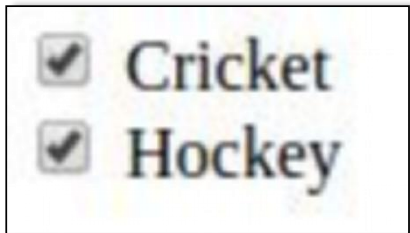
Example: Check Box

```
<!DOCTYPE html>
<html>
  <head>
    <title>Check Box Example</title>
  </head>
  <body>
    <form >
      <input type="checkbox" name="cricket" value="on"> Cricket
      <br>
      <input type="checkbox" name="hockey" value="on"> Hockey
    </form>
```

```
</body>
```

```
</html>
```

Output:

A screenshot of a web form with a white background and a thin black border. It contains two checkboxes, each with a small square icon containing a checkmark. The first checkbox is labeled 'Cricket' and the second is labeled 'Hockey'. Both checkboxes are checked.

6. Creating Multiple-Line Text Input

The `<textarea>` tag is used to create multi-line text box. This is used to enter large amount of data.

Example: Multiple-Line Text Input

```
<!DOCTYPE html>
<html>
<head>
  <title>Multiple-Line Text Input Example</title>
</head>
<body>
  <form>
    <textarea rows="4" cols="30" name="address">
      Text Area.....
    </textarea>
  </form>
</body>
</html>
```

Output :

