Saturday Special IT class

HTML Forms

An HTML form is used to collect user input. The user input is most often sent to a server for processing.

### Example

Top of Form

First name:  
  
Last name:  
  
  


## The <form> Element

The HTML <form> element is used to create an HTML form for user input:

<form>

Form elements

</form>

The <form> element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.The <form> element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.The <form> element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.The <form> element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.Bottom of Form

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## The <input> Element

The HTML <input> element is the most used form element.

An <input> element can be displayed in many ways, depending on the type attribute.

|  |  |
| --- | --- |
| **Type** | **Description** |
| <input type="text"> | Displays a single-line text input field |
| <input type="radio"> | Displays a radio button (for selecting one of many choices) |
| <input type="checkbox"> | Displays a checkbox (for selecting zero or more of many choices) |
| <input type="submit"> | Displays a submit button (for submitting the form) |
| <input type="button"> | Displays a clickable button |

## The <label> Element

The <label> tag defines a label for many form elements.

The <label> element is useful for screen-reader users, because the screen-reader will read out loud the label when the user focus on the input element.

The <label> element also help users who have difficulty clicking on very small regions (such as radio buttons or checkboxes) - because when the user clicks the text within the <label> element, it toggles the radio button/checkbox.

**The for attribute of the <label> tag** should be equal to **the id attribute of the <input>**element to bind them together.

## Text Fields

The <input type="text"> defines a single-line input field for text input.

The default width of text input fields is 20 characters

First name  
  
Last name  


Okay, Lets crate the above HTML Text Fields

* First we define the label “First name”

<label for="fname">First Name</label>

* Then we define the text input for the ”First name”

<input type=”text” id=”fname” name ”fname” value=”john ”

* Second we define again the label “Last Name”

<label for =”lname” > Last Name</lable>

* Then again we define the text input for the “Last name” as well

<input type=”text” id =”lname” name ”lname” value=”Doe”

Text fields practice 1.

<!DOCTYPE html>

<html>

<body>

<h2> This is text input fields </h2>

<form>

<label for="firstname">First Name</lable>

<input type="text" id="firstname" name="firstname" value="john">

<label for="lastname">Last Name</lable>

<input type="text" id =lastname" name="lastname" value="Doe">

</form>

</body>

</html>

Save it by file name – Text fields practice1.html

Change the code to – UTF-8

Text fields practice 2.

To make it more practical lets add text field – “Age” on the above code

<label for="age"> Age</label>

<input type="text" id="age" name="age" value="">

Text fields practice 3.

Try to create “country” text field to the above HTML code line.

## Radio Buttons

The <input type="radio"> defines a radio button.

Radio buttons let a user select ONE of a limited number of choices.

Football    
Basket ball   
Swimming  

Radio buttons exercise 1.

Because we need to write all the forms and input element on the same page so that we can see the length of our code in a page as well as all.

So, write these code on the after text input codes in the above exercise.

<h2> Radio Button</h2>

<p> Choose your favorite sport :</p>

<form>

<label for="football">Football</label>

<input type="radio" id="football" name="football" value="football"><br>

<label for="basketball"> Basketball</label>

<input type="radio" id="basketball" name="basketball" value="basketball"><br>

<label for="swimming"> Swimming </label>

<input type="radio" id="swimming" name="swimming" value="swimming"><br>

</form>

Radio buttons exercise 2.

Now write the above code again but this time we need to change the radio button to the right side. to do that you must start you code line with <input type=”radio id=”” name=”” value=”” this is the standard way of webpage rule preference.

 Football  
 Basket ball  
 Swimming

<Form>

<input type="radio" id="football" name="football" value="football">

<label for="football">Football</label><br>

<input type="radio" id="basketball" name="basketball" value="basketball">

<label for="basketball"> Baslet ball</label><br>

<input type="radio" id="swimming" name="swimming" value="swimming">

<label for="swimming"> Swimming </label>

</form>

Radio buttons exercise 3.

What is your favorite food?

Burger

Pizza

Kitfo

Shero

Tibs

Try to write the above question codes by yourself using radio button.

## Checkboxes

The <input type="checkbox"> defines a **checkbox**.

Checkboxes let a user select ZERO or MORE options of a limited number of choices.

 I have a bike  
 I have a car  
 I have a boat

Checkboxes Exercise 1.

Add up these code on the above code line to see all the forms what do the look like to use for the future.

<h2> Checkboxes</h2>

<p> select your vehicle by cliking on the boxes </p>

<form>

<input type="checkbox" id="bike" name="bike" value="">

<label for="bike"> I Have a bike</label><br>

<input type="checkbox" id="car" name="car" value="">

<label for="car"> I hava a car</label><br>

<input type="checkbox" id="boat" name="boat" value="">

<lable for="boat"> I have a boat</boat><br>

</form>

Checkboxes exercise2.

Creates for the checkboxes for “ what kind of movies do you like?”

* Horror
* Action
* Scientific fiction
* Animation
* Drama

## The Submit Button

The <input type="submit"> **defines a button** for submitting the form data to a form-handler.

The form-handler is typically a file on the server with a script for processing input data.

The form-handler is specified in the form's action attribute.

First Name  
  
Last Name  
  


Submit button exercise 1.

<form>

<h2> HTML Forms </h2>

<form>

<lable for="fname">First Name</label><br>

<input type="text" id="fname" name="fname" value=""><br>

<label for="lname"> Last Name</label><br>

<input type="text" id="lname" name="lname" value=""><br>

<input type="submit" value="submit">

</form>

Submit button exercise 2.

Add a submit button for the radio practice

Submit button exercise 3 .

Add a submit button for the checkboxes practice

----------------- part one end here --------- enjoy the forms ---------------------