HTML Forms

It is use to create a form .

**Form tag <form>**

What needs inside the form that tag must be written inside form tag .

A web form is a web page that contains *fields,*areas in which a visitor can enter information or select from a set of predefined options. When a visitor accesses the form, the browser displays the web page as usual, including the form’s fields.

**The form Element**

Forms are added to web pages using (no surprise here) the **form**element. The **form**element is a container for all the content of the form, including some number of form controls, such as text entry fields and buttons. It may also contain block elements, (**h1**, **p**, and lists), however, it may *not*contain another **form**element.

This sample source document contains a form similar to the one shown in table 1.

In addition to being a container for form control elements, the **form**element has some attributes that are necessary for interacting with the form-processing program on the server. Let’s take a look at each.

The **action**attribute provides the location (URL) of the application or script (sometimes called the action page) that will be used to process the form. The **ACTION**value is required for working forms, though on some browsers a value similar to the base URL of the document will be assumed if the **ACTION**is left out.

The **method**attribute specifies how the information should be sent to the server. There are only two methods for sending this encoded data to the server: POST or GET indicated using the **method**attribute in the **form**element.

* **The POST method:**When the form’s method is set to POST, the browser sends a separate server request containing some special headers followed by the data. Only the server sees the content of this request, thus it is the best method for sending secure information such as credit card or other personal information.
* **The GET method:**With the GET method, the encoded form data gets tacked right onto the URL sent to the server. GET is not appropriate for forms with private personal or financial information.

**Label tag <label>** custom label name that’s show what need to type in box **</label>**

It is use to show that what need to type in the box which is creating by input type tag.

**For example**

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**Input tag <input>**

• It is one of the most used form element that can be displayed in several ways, depending on the **type** attribute.

• In this we can use many types attribute like text ,password, radio and many more which is entered by user in a box which created by input tag.

**1) Input Type attributes (text) type=”text”**

• It is use to enter text in the box .

• All the ‘type’ attributes must be written inside the input tag and due to create form so form tag is always must.

**For example**



**2) Input Type attributes (password) type=”password”**

* • It is use to enter passwork in the box , which is not visible.
* • All the ‘type’ attributes must be written inside the input tag and due to create form so form tag is always must.



**3) Input Type attributes (email) type=”email ”**

• It is use to enter email in the box.

• Note that it is use in HTML 5 because in other version of html it is working so we use text type in place of email.

• All the ‘type’ attributes must be written inside the input tag and due to create form so form tag is always must.



**4) Input Type attributes (place holder) <place holder>**

It is use to show suggestion inside the box where user can enter any thing.

**For example:**



**5) Input Type attributes (submit) type=”submit”**

It is use to create submit button for user to submit forms.

**For example**



**6) Input Type attributes (date) type=”date”**

It is use to show the calendar in the input box.

<input type=“ date” name=“ ” id = “ ” >