**Class 7**

**Forms and input tags.**

This is 7th video of Sigma Web Development Course.

**Forms**

Through forms user submit their data to server.

There are two types

* Get form

It is very simple request to the server.

* Post form

It is used when we have to provide a lot of data to the server.

**Input tage categories**

* **Text**
* **Password**
* **Radio**
* **Checkbox**

**Input tags**

It define the elements which we use in our form

We add input tag and label tag to label that input.

<label for="Username">Enter your username</label>

<input type="text" id="username" name="Username" placeholder="Enter your name"> Enter the name here

**Label**: is used to label the input tag.

**Attributes**

**For:** here we write the id of the element..for tells us that for which element we are using this.

**Note :** if we write the text in label then it shows before input box on website.

**Input : TEXT:** used to take simple input form user

**Attributes**

**Type :** here we define which type of input we can give.

Text -> simple text

Password -> hidden text .

**Id :** here we define the id of the element. It uniquely identifies the element.

**Name:** give name to that element

**Place holder:**  here we provide the description which appears inside the box. Such as “ Enter your email.”

Here we can provide, any type of text we want to show to our user.

**Radio:**

<input type="radio" id="male" name="gender" value="male">

<label for="male">Male</label>

<input type="radio" id="female" name="gender" value="male">

<label for="femaless">Female</label>

**Input : Radio:** used to select only one option.

**Attributes**

**Type :** here we define which type of input we can give.

Text -> simple text

Password -> hidden text .

**Id :** here we define the id of the element. It uniquely identifies the element.

**Name:** give name to that element

**Value:**  we define the value of the element

We can write the text both in label tag also in main input tag after attributes.

Note : if the name of 2 elements are same then we can select only one from them.

**Text Area**

Text area is use to enter the text or comment to the form.

<div>

<label for="comment"></label>Enter Your Comment

<br>

<textarea name="comment" id="comment" rows="8" cols="35" ></textarea>

</div>

* Rows : Rows define the height of the box
* Cols : cols define the width of the box

It is not included in input section

**Select Tag**

select tag is used to select from the list of number of items.

We have to click on arrow and have to choose any one of them.

 <select name="select1" id="select">

    <option value="Pakistan">Pakistan</option>

    <option value="Australia">Australia</option>

    <option value="Denmark">Denmark</option>

    </select>

* It starts and send with select tag
* We use option tag to define the options which we have to select.

**Require**

It must be entered without it you can not go futther

**Auto Focus**

It define the cursor automatically its location

**Patterns**

Patterns are use to define the format which we can choose to add text to our form. We will study about patterns later.