Form tag

To display button in the form

<!--<input type="submit" name="btn" id="btn" value="login">-->

<button type="submit" name="btn" id="login" value="login">click to Login </button>

There are 3 types of buttons

type="submit"	 it is used to submit data to the server The submit button has to be inside the form tag If user clicks on submit button then submit event occur If you click on this button then data will be submitted to the server, and the form will get refreshed 	<button id="login" name="btn" type="submit" value="login">click to Login </button>
type="button"	 It is used to allow user to perform click action. If the type is button, then after clicking you will stay on the same page, and form will not get refreshed If you click the button then click event occur 	
type="reset"	- it is used to clear all fields in the form	

In the form you may display following controls

input tag

type="text"	It is used to display one	<input< th=""><th>- placeholder-→ it</th></input<>	- placeholder-→ it
	liner text box	type="text"	display grey text as
		name="uname"	help, when you type
		id="nm"> to	something the grey
		display empty	text will go away
		text box	- required-→ it makes
			the textbox mandatory
		<input< td=""><td>- pattern → use regular</td></input<>	- pattern → use regular
		type="text"	expression, to
		name="uname"	determine the pattern
		id="nm"	for the value we
		value="Rajan">-	entered
		it will display	- minlength-> minimum
		a text box with	number characters
		Rajan types in it	

	<u> </u>		
			- maxlength-→ maximum number of characters - size→ it adjust the size of the text box
type="passw ord"	It is used to display one liner text box, but the text typed in it is not visible	<pre><input id="nm" name="uname" type="password "/></pre>	All the attributes of text box can be used in type=password
type="radio"	it is used to display radio button, usually radio buttons are used to allow only one of the options selected	<input id="male" name="gender" type="radio" value="male"/> <input button<="" checked="" id="male" name="gender" radio="" td="" type="radio" value="male"/> <td>- value → attribute is send to the server when the radio button is checked, if the value property is not set, then true will be send to the server, and hence server will not understand which radio button is sected - checked → if the radio button is selected the checked property becomes true</td>	- value → attribute is send to the server when the radio button is checked, if the value property is not set, then true will be send to the server, and hence server will not understand which radio button is sected - checked → if the radio button is selected the checked property becomes true
type="checkb ox"	it is used to display checkbox, usually checkboxes are used to allow to select multiple options	<input id="java" name="skills" type="checkbox" value="java"/> empty checkbox <input checked="" id="java" name="skills" type="checkbox" value="java"/> → display checkbox is selected	- value→ attribute is sent to the server when the checkbox is checked, if the value property is not set, then true will be sent to the server, and hence server will not understand which radio button is selected checked-→if the radio button is selected the checked property becomes true
type="file"	it will show a button choose file, if you cleck on the button it will open browse window, and will allow you to select the file	<input type="file" name="fn" id="fname></input 	
type="email"	It shows a textbox which allows to enter email, If the data you entered	<input type="email" name="fn"</input 	

	doesnot have @ symbol, it will show error when you submit the form	id="fname>	
type="date"	It shows the calendar to accept date	<input type="date" name="doj" id="doj></input 	min-→ it does not allow to select the date which is < given minimum date max→ it does not allow to select the date which is > given maximum date

textarea tag

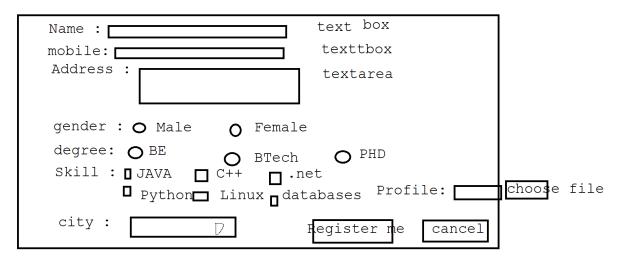
<textarea <="" cols="20" id="addr" name="addr" th=""><th>cols and rows will decide the visible area of</th></tr><tr><td>rows="5"></textarea> <td>the textarea</td>	the textarea
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Form tag attributes

<form action="validatedata" method="post">

method="get"	If the method to send the request is get, then data will appear in the browser url bar after ?, it is called as querystring You may use this method, when the data is small, and it is not sensitive data
method="post"	If the method is post, then data will not be visible in the url bar
	it will be transferred via request body
	This method is useful, When the data is sensitive or the data is large
action=url	this attribute is set to the url, to which you want to submit form data

Registration form



Data types in html5

type="date"	allows to select the date	min-→ minimum date
		max-→maximum date

type="number"	allows to enter only number, alphabets are not allowed, but alphabet <mark>e</mark> is allowed, used in scientific notation	min→ minimum number allowed max-→ maximum number allowed
type="range"	It shows you range bar, so that user can use the marker to move	min→ minimum range value max-→ maximum range value
type="color"	It opens color pallete to select the color	
type="week"	It allows to select the week and year	
type="month"	It allows to select the month and year	

types tag

Empty tag	If we never write data in between begin tag and end tag
	 <input/>
Autoclosable	In such tags writing end tag is optional, the occurrence of same next tag, will
tag	close the previous tag
	 <
Semantic	Tags which gives information about the text written inside it
tags	header, footer, section, article, aside
	It is useful for better readability of the code, and good accessibility

Design a form to accept 2 numbers from user, and display 2 buttons of button type Addition, subtraction

Frameset tag

It allows to break browser window into parts, and allows to show different files in different portion of the browser

It includes 2 tags <frameset> <frame>

But drawback of frameset, it makes you write data into multiple files, and hence in html 5 it is deprecated

<mark>iframe</mark>

In new version iframe tag is used to display internal frames within same browser window

<mark>canvas</mark>

It's a tag which allows you to mark the portion in the browser, to draw or write something via javascript

media tags

- 1. audio ---to play any audio clip in the browser
- 2. video--- to play any video clip in the browser

geolocation API

<mark>Storage API</mark>