

Course Name: **O Level (1stSem)**
Topic: **HTML – Forms (Part 4)**

Subject **Web Designing & Publishing (WDP)**
Date: **03-Apr-2020**

HTML Forms – Controls/Elements

<input> element

So far in our earlier classes of HTML forms, we have seen the following **06** **<input>** element that can be used in several ways by defining value of type attribute:

- | | |
|--|--|
| 1. <code><input type= "text"></code> | 4. <code><input type= "submit"></code> |
| 2. <code><input type= "radio"></code> | 5. <code><input type= "reset"></code> |
| 3. <code><input type= "password"></code> | 6. <code><input type= "checkbox"></code> |

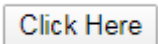
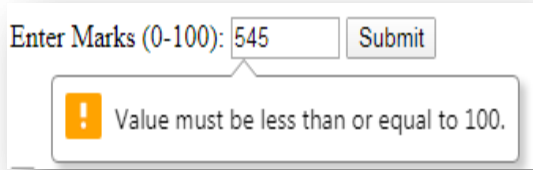
There are also some other variation of **<input>** element:

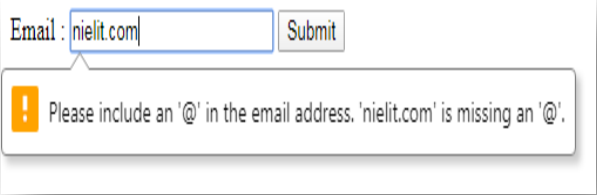
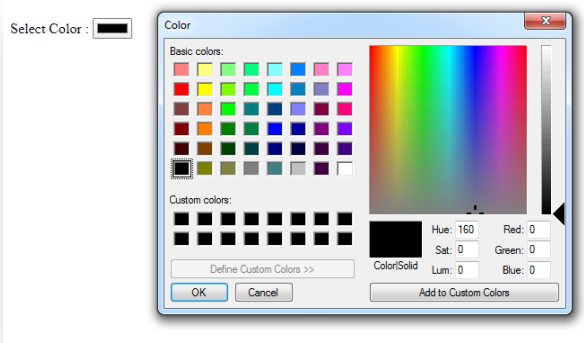
- | | |
|---|--|
| 1. <code><input type="button"></code> | 9. <code><input type="month"></code> |
| 2. <code><input type="number"></code> | 10. <code><input type="week"></code> |
| 3. <code><input type="email"></code> | 11. <code><input type="file"></code> |
| 4. <code><input type="image"></code> | 12. <code><input type="hidden"></code> |
| 5. <code><input type="color"></code> | 13. <code><input type="search"></code> |
| 6. <code><input type="date"></code> | 14. <code><input type="range"></code> |
| 7. <code><input type="datetime-local"></code> | 15. <code><input type="tel"></code> |
| 8. <code><input type="time"></code> | 16. <code><input type="url"></code> |

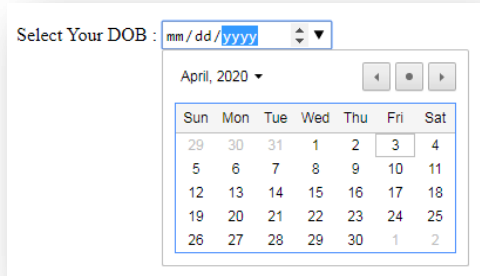
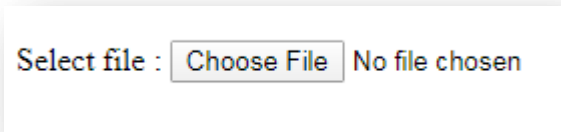
Attributes of <input> element

1. **value:** It specifies the initial value of element.
2. **name:** It specifies the name of the element.
3. **height:** It specifies the height of the element.

4. **width:** It specifies the width of the element.
5. **readonly :** It specifies that <input> field is read only. It does not have value.
6. **disabled:** It specifies that <input> field is disabled. It also does not have value.
7. **required:** It specifies that input must be filled out before submitting the form.
8. **placeholder:** It specifies the hint for input that are to be given.
9. **autocomplete:** It can have value "on" or "off". When user starts typing in the input field, it predicts the texts that are typed earlier.
10. **checked :** It is used with radio and checkbox. It does not have any value. It is used to select option automatically when web page loads.
11. **autofocus:** It specifies that the input field will be focused when web page loads.
12. **max:** It specifies the maximum value for an input field.
13. **min:** It specifies the minimum value for an input field.
14. **size:** It specifies the width (in characters) of an input field.

SN	Examples
1	<input type="button" value="Click here"> Output: 
2	<label for="marks"> Enter Marks (0-100): </label> <input type="number" id="marks" min=0 max=100> <input type="submit"> Output: 

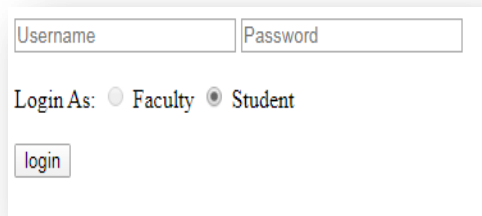
3	<label for="email"> Email : </label> <input type="email" id="email"> <input type="submit"> Output: 
4	<label for="color"> Select Color : </label> <input type="color" id="color"> Output: 
5	<label for="dob"> Select Your DOB : </label> <input type="date" id="dob"> Output:

	
6	<code><label for="docs"> Select file : </label> <input type="file" id="docs"></code> Output: 
7	<code><input type="image" src="home.jpg" alt="Home" height="70px" width="70px"></code> Note: This makes clickable image. Output: 
8	<pre> <form autocomplete="on"> <input type="text" placeholder="Username" id="uid"> <input type="text" placeholder="Password" autocomplete="off">

 <label> Login As: <input type="radio" id="fac" name="loginas" disabled><label for="fac"> Faculty </label> <input type="radio" checked id="stu" name="loginas"> <label for="stu"> Student </label>

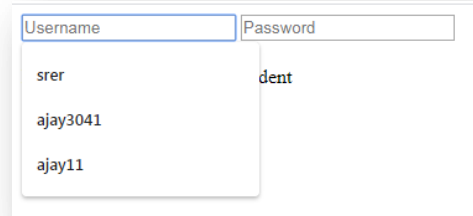
 <input type="Submit" value="login"> </form> </pre>

Output:



Username Password

Login As: ☐ Faculty ☒ Student



Username Password

sner
ajay3041
ajay11

dent



Exercise:

1. What is difference between “readonly” and “disabled” attribute of <input> element.
2. Explain “required” and “autofocus” attribute with example.
3. Create a HTML document with following output:



HTML form

First name:

Last name:

E-mail:

☐ Male
☐ Female

Note: Use proper input type and attributes for above form.