

Course Name: **O Level (1stSem)**
Topic: **HTML – Forms (Part 2)**

Subject **Web Designing & Publishing (WDP)**
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HTML Forms – Controls/Elements

The **<form>** element can contain one or more of the following form elements or controls:

- **<label>**
- **<input>**
- **<textarea>**
- **<button>**
- **<select>** and **<option>**
- **<fieldset>** and **<legend>**
- **<optgroup>**

<label> element

This element is used to define label or naming of form elements. It provide a usability improvement for mouse users i.e. if a users clicks on the text within the **<label>** element, it toggles the control associated with it.

Syntax :

```
<label for="element_id">  
...  
form content  
...  
</label>
```

Attribute of <label>

1. **for** :- this attribute is used to specify id of the element that label is bound to.

<input> element

The **<input>** element is used based on the **type** attribute.

For example:

- **<input type= “text”>** Defines the textbox.
- **<input type= “password”>** Defines the textbox for entering password. It masks the character.
- **<input type= “submit”>** Defines the submit button
- **<input type= “reset”>** Defines the reset button

Note: There is some more value of type attribute of <input> which we will discuss later.

Program – For creating simple login form

```
<html>
  <head>
    <title> HTML Login form </title>
  </head>
  <body bgcolor="lightgreen" text="blue">
    <h1> Login Form</h1>
    <form method="post">
      <label for="uid"> Username </label> <input type="text" id="uid"> <br> <br>
      <label for="pwd"> Password </label> <input type="password" id="pwd"> <br> <br>
      <input type="submit" value="Login"> <input type="reset">
    </form>
     <br>
  </body> </html>
```

Important point:

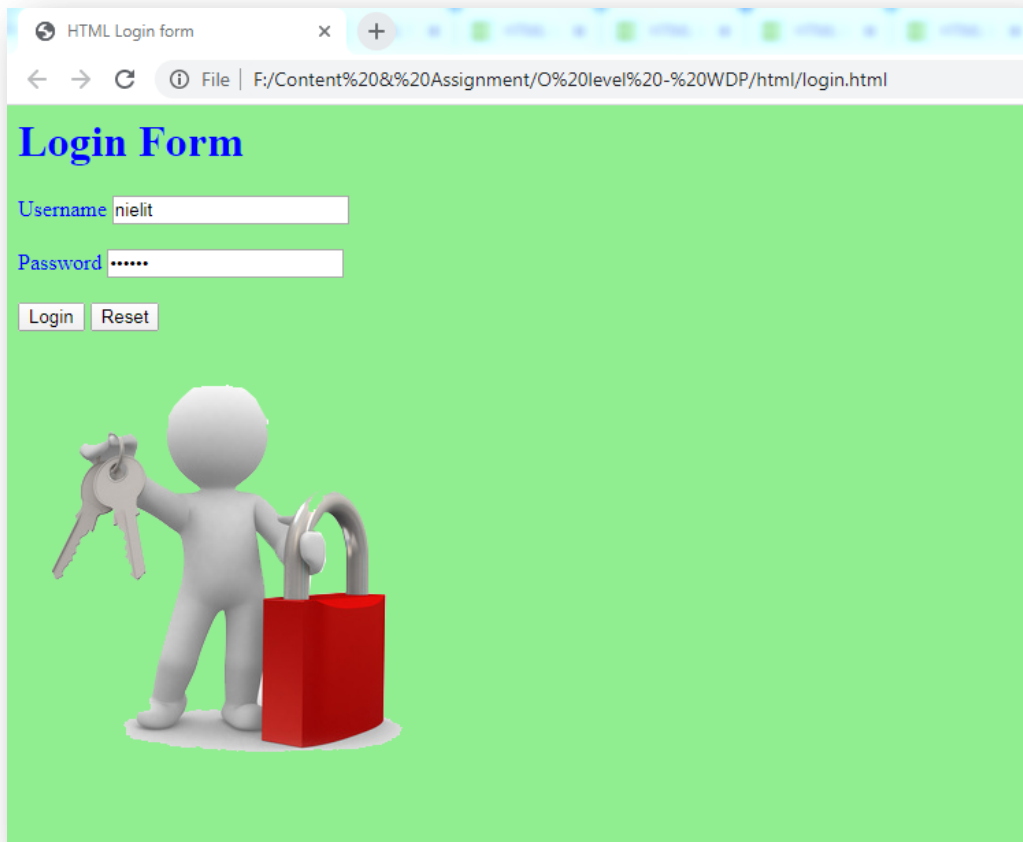
We have created a login form which has two labels, two textboxes and two buttons.

In username textbox – **id** attribute is set to “**uid**” and in username label – **for** attribute is set to “**uid**”

Similarly for password textbox and password label.

See its significance by clicking on label text on the output page.

Output of above program:



Exercise:

1. Create a HTML form which have labels, textboxes, submit and reset buttons.