

SVKM's NMIMS
Mukesh Patel School of Technology Management & Engineering (Mumbai Campus)
Computer Engineering Department (B.Tech Integrated Sem V)
Fundamentals of Website Designing
Lab Manual
PART A

(Part A: TO BE REFERRED BY STUDENTS)

Experiment No. 04

A.1 AIM:

Design Login & Registration Forms using HTML

A.2 Pre requisite:

Basic Knowledge of HTML and HTML tags

A.3 Outcome:

After successful completion of this experiment students will be able to:

1. Design pages accepting user inputs in HTML
2. Design and study various elements of forms.
3. Study the difference between the GET and POST methods of a form.

A.4 Theory:

HTML forms are used to pass data to a server.

An HTML form can contain input elements like text fields, checkboxes, radio-buttons, submit buttons and more. A form can also contain select lists, textarea, fieldset, legend, and label elements.

The <form> tag is used to create an HTML form

HTML Forms - The Input Element

The most important form element is the <input> element. The <input> element is used to select user information. An <input> element can vary in many ways, depending on the type attribute. An <input> element can be of type text field, checkbox, password, radio button, submit button, and more.

The most common input types are described below.

Text Fields

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`<input type="text">` defines a one-line input field that a user can enter text into:

```
<form>
First name: <input type="text" name="firstname"><br>
Last name: <input type="text" name="lastname">
</form>
```

How the HTML code above looks in a browser:

First name:
Last name:

Password Field

`<input type="password">` defines a password field:

```
<form>
Password: <input type="password" name="pwd">
</form>
```

How the HTML code above looks in a browser:

Password:

Radio Buttons

`<input type="radio">` defines a radio button. Radio buttons let a user select ONLY ONE of a limited number of choices:

```
<form>
<input type="radio" name="sex" value="male">Male<br>
<input type="radio" name="sex" value="female">Female
</form>
```

How the HTML code above looks in a browser:

☐ Male
☐ Female

Checkboxes

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`<input type="checkbox">` defines a checkbox. Checkboxes let a user select ZERO or MORE options of a limited number of choices.

```
<form>
<input type="checkbox" name="vehicle" value="Bike">I have a bike<br>
<input type="checkbox" name="vehicle" value="Car">I have a car
</form>
```

How the HTML code above looks in a browser:

☐ I have a bike
☐ I have a car

Submit Button

`<input type="submit">` defines a submit button.

A submit button is used to send form data to a server. The data is sent to the page specified in the form's action attribute. The file defined in the action attribute usually does something with the received input:

```
<form name="input" action="demo_form_action.asp" method="get">
Username: <input type="text" name="user">
<input type="submit" value="Submit">
</form>
```

How the HTML code above looks in a browser:

Username:

Tag	Description
<u><code><form></code></u>	Defines an HTML form for user input
<u><code><input></code></u>	Defines an input control
<u><code><textarea></code></u>	Defines a multiline input control (text area)
<u><code><label></code></u>	Defines a label for an <code><input></code> element
<u><code><fieldset></code></u>	Groups related elements in a form

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<u><legend></u>	Defines a caption for a <fieldset> element
<u><select></u>	Defines a drop-down list
<u><optgroup></u>	Defines a group of related options in a drop-down list
<u><option></u>	Defines an option in a drop-down list
<u><button></u>	Defines a clickable button

A.5 Procedure/Task:

1. Create a Student Registration page.
2. First page should accept all personal details from the user
3. Clicking on submit button must open next page that accepts all educational details from user
4. Clicking on submit on this page should redirect user to login page where it accepts username and password.
5. On clicking log in button a message should be displayed – “Registered Successfully”
6. Use HTML formatting tags to make your pages look attractive
7. Prepare the document. Save and close the file and name it as **EXP04_Roll no_Batch no.**

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PART B

(PART B: TO BE COMPLETED BY STUDENTS)

(Students must submit the soft copy as per following segments within two hours of the practical. The soft copy must be uploaded on the Blackboard or emailed to the concerned lab in charge faculties at the end of the practical in case there is no Black board access available)

Roll No. :	Name:
Class :	Batch :
Date of Experiment :	Date/Time of Submission :
Grade :	

B.1 Code:

(Paste your Code here)

B.2 Output

(Take screen shots of the output at run time and paste it here)

B.3 Conclusion:

(Students must write the conclusion as per the attainment of individual outcome listed above)

B.3 Observations and Learning:

(Students must write their observations and learnings as per the attainment of individual outcome listed above)

B.4 Question of Curiosity

(To be answered by student based on the practical performed and learning/observations)

- Q1. Why are forms used for webpage designing in HTML? Answer with appropriate reason.
Q2. What are the various values of Type attribute of Input tag in HTML ?