

Name : \*

Email : \*

Mobile : \*

College Name :

Principal Name :

Password :

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## Class Notes

### ◆ Form in HTML

- Forms are used to accept input from the user.
- To create a form, we use the `<form></form>` tag.
- To create input fields, we use the `<input>` tag, which is an unpaired tag.
- The `<input>` tag must be written inside the `<form>` tag.

### ◆ Input Tag Attributes

- **type** — Specifies the kind of data to input (e.g., text, email, password, etc.)
- **name** — Sends the input field name to the server during form submission.
- **value** — Specifies the default value of the input field.
- **disabled** — Disables the input field; users cannot interact or change its value.
- **readonly** — Makes the input field read-only; users can see the value but can't edit.
- **required** — Makes the field mandatory. The form won't submit without it.
- **placeholder** — Displays a hint inside the field to guide the user.
- **autofocus** — Automatically focuses this field on page load.
- **maxlength** — Sets the maximum number of characters allowed.
- **minlength** — Sets the minimum number of characters required.
- **autocomplete** — Enables or disables auto-completion. Accepts on or off.

### ◆ Common type values for `<input>`

- text

- email
- tel
- password
- number
- radio
- checkbox
- date
- time
- datetime-local
- month
- week
- file
- color
- range
- search
- url
- image
- submit
- reset
- button

### ◆ Label Tag

- The `<label>` tag is used to define a label for an input element.
- It helps improve form accessibility and connects text with the input field.
- The `for` attribute of `<label>` must match the `id` of the input field.

Name :

### ◆ Additional Notes

- Server has CPU and memory to store and process form data.
- Client and server communicate using URLs.
- Form data is sent to the server using the **name** attribute of each input field.
- When using `method="get"`, the data is sent via URL with `?` used to separate values.
- To keep sensitive data secure (like passwords), use `method="post"`.
- **Value vs Placeholder:**
  - **Value** shows permanent default content in the input.
  - **Placeholder** gives a hint which disappears on typing.