

43) HTML Form

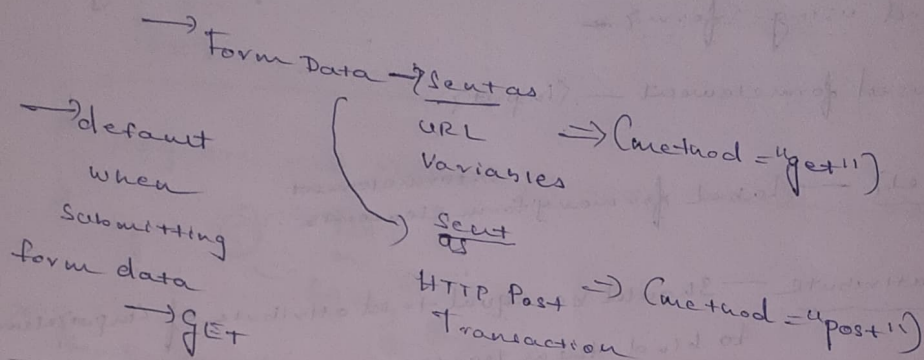
- 1) It is used to collect user input.
- 2) The user input is most often sent to server for processing.
- 3) Defined using `<form>`.
- 4) Most used form element — `<input>`.
- 5) `<label>` — label for many form elements.
 - ↳ `<label>` is a form element.
- 6) for attribute — Should be equal to id attribute of `<input>` element to bind them together.
- 7) Radio Button — `<input type="radio">`
 - ↳ User select one of a limited no of choices.
- 8) Checkboxes — `<input type="checkbox">`
 - ↳ User select zero or more options a limited no of choices.
- 9) Submit Button — `<input type="submit">`
 - ↳ defines button for submitting form data to a form handler.
 - ↳ Form Handler → File on server with a script for processing input data.
 - ↳ Specified in form's action attribute.
- 10) Name attribute → Each Text Field must have name attribute to be submitted.
 - ↳ If name attribute is omitted, the value of input field will not sent at all.

44) HTML Form Attributes

- 1) Action — define action to be performed when form is submitted. (If omitted → set to default page)
- 2) Target — Specifies where to display response that is received after submitting the form.

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* Method → Specifies HTTP Method to be used when submitting form data.



→ GET Append form data to the URL for name/value pairs.
Never use this to send sensitive data.

→ POST Appends form data inside the body of HTTP request.
No size limitations

autocomplete attribute (Pg 49)

→ Specifies whether a form should have autocomplete on or off.

→ off → Firstname:
Submit
Click on this → and Firstname:

→ on → Firstname:
Submit
Click on this → and Firstname:
John
Manoj
del
1200
ap

→ novalidate attribute → Boolean attribute

* When present it specifies form data (if) should be validated when submitted.
* Eg: <form action=" " novalidate>

45) HTML Form Elements

— <input>

— <select> — define drop down list

(eg.)

```
<select id="cars" name="cars">  
  <option value="volvo">Volvo</option>  
  <option value="saga">Saga</option>  
</select>
```

— <option> — define options that can be selected.

— Selected attribute — pre-selected option & define.

→ Add it to any of the options → <option>

— Multiple attribute — allow the user to select more than one value.
(pg no 48)

— Size attribute — Specify no of visible value → <select>

— <textarea>

— define multi line input field.

→ Attributes (rows — Visible no of lines in text area.

cols — Visible width of Text area.

— <button> (pg no 56)

— defines clickable Button.

— Specify always type attribute for button element.

— <fieldset> — Used to group related data in a form.

— <legend> — defines a caption for the <fieldset> element.

— <datalist> — Specifies list of predefined options for <input> element.

— Users sees drop down list of pre defined options as they input data.

— <output> — represent result of a calculation.

— <optgroup> — group of related options in drop down list.