HTML FORMS

- \<form\> element defines a form to collect user Info.

I/P

- \<input\> most imp to define user, depending on type attribute.

- \<label\> generally used to define I/P & heading.

- \<input type = "text" name = "Pname" \> \<br\>

  ↳ (Takes I/P as text

- \<label for = "fname"\> First Name \</label\>

→ for attribute must be same as id in Input field helps to bind label & input type together

- \<input type = "submit" value = "Submit" /\>

  ↳ Creates a submit button

- Action attribute; defines the action to be performed when form is submitted
  - \<form action = "form.php"\>

White Page

- Target Attribute; specifies result will open in new or some page

  → `<form action = "form.php" target = "_self">`

    → target
      ↓
      _blank
      ↓
      _parent

- **Method Attribute**; method attribute specifies the HTTP method (GET & POST)

  → Using GET, the form data will be visible in page's address feild.

  → POST has no limitations, doesn't display info in page URL.

* **Name Attribute**; Must be specify with input element to perform action using action attribute.

* **autocomplete** → Assign in form element to fill automatically.

  autocomplete = "on".

- **<select> element :**   size = "4"

  <select id = "no." / name = "no." >
  <option value = '1' > 1   </option>
  ;
  </select>

* <u>we can add <u>selected</u> attribute to choose default</u> one.

- **<textarea>** ; provides area for commenting

  <textarea name = "msg" rows "10" cols = "5" >
  </textarea>

⇒   ─ Home ─────┐
┌──────────────────┐
│ ┊   │
│ ┊   │
│ ┊   │
└──────────────────┘

<feildset>
<legend> Home </legend>
;
Content
</feildset

White Page
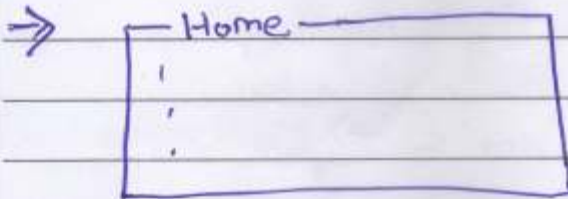
- **<datalist>** element ; specifies list of pre-defined options.

→ user will see a drop down list of pre-defined options as they input

```
<input list = "no.">
< datalist id = "no.">
    <option value = '1'>
    ⋮
</datalist>
```

- <u>HTML INPUT TYPE :</u>
  <u>type</u> (attribute)

-> - button
  - checkbox
  - color
  - date   -> can specify min & max ^attribute
  - datetime -local
  - email
  - file
  - hidden
  - image
  - month
  - number
  - password
  - radio
  - range   -> min and max
  - reset
  - search
  - submit
  - tel
  - text
  - time
  - url
  - week

- **Input Restrictions:**

checked → pre-selects option

disabled → I/p should be disabled

max → maximum value

maxlength → max. no. in character I/P field

min → minimum value

pattern → regular expression to check I/p pattern

readonly → Input is read only.

required → must be entered compulsory.

value → value of I/p field

step → Increment/Decrement by .

size → specify size of I/P

→ pattern = " $[0-9]\{2\} - [0-9]\{10\}$ "

↳ (used with tel type)

multiple → so select multiple files or emails

placeholder → highlight in I/p text

• autofocus → specifies that on I/p field should automatically get focus when page loads.