5th July, 2021 & 6th July, 2021
 Data Entry Forms / HTML Forms Form tag Input, textarea, select fieldset, legend
1. Data Entry Forms / HTML Forms
> Helps to read data from user> Allows the user will enter data in the web page> Sending / submitting data to server
2. Form Tag
<form action="server file url" method="GET/POST"> <!-- place all input fields / form fields--> </form>
a. method: > GET or POST > default is GET b. action: refers server file which process your data login.jsp, login.aspx, login.php, etc
3. Input, textarea, select
Input ~~~~ Create input fields. Eg: textbox, password, etc
Usage: <input type="text"/>
Attributes: a. type specify what type of control you want to create b. id required for client side programming c. name required for server submission

possible options for type attribute:

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text,
                                password,
                                             checkbox,
                                                                 radio,
                   submit,
                                button,
                                                          reset,
file
      textarea
                          (Multi-line textbox)
             <textarea rows="5" cols="20">
             </textarea>
      select (dropdown list)
             <select>
                   <option>Text
                   <option>Text
                   <option>Text
                   <option>Text
                   <option>Text
             </select>
4. fieldset, legend
      <form method="GET/POST" action="server file url">
                   <fieldset>
                   <legend>Caption Message</legend>
                   <!-- place all input fields / form fields -->
                   </fieldset>
      </form>
```

Radio Button

- --> By default user can select all radio buttons.
- --> Same name for radio buttons then only then can be act like group. So that user can select only item from that group.
- --> You should provide the value for radio so that it will submit to server.

Eg:

<input type="radio" name="r1" value="Male" /> Male

<input type="radio" name="r1" value="Female" /> Female

Web Forms 2.0 in HTML5

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- -> Web Forms 2.0 is extension of html4 forms concept.
- -> HTML Forms are used to submit the data to server.
- -> Browser will submit the data to server based on the <form> tag only.
- -> All html controls should be placed within the form tag only.
- -> HTML5 introduced new form elements and attributes to make forms development more easy.
- -> It provides pre-defined validations. No need to write client side validation code.

#### New Controls

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- 1. number min, max,
- 2. email
- 3. color
- 4. range
- 5. date

New Attributes

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- 1. min and max
- 2. required
- 3. pattern
- 4. autofocus
- 5. autocomplete
- 6. formaction
- 7. placeholder

Tasks

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- 1. How to use formaction attribute?
- 2. Create credit card payment form using HTML Forms?