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CSE326
Internet Programming Laboratory Lecture #9

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Outline

- <form>
- Label
- Input
- Text Inputs
- Text Area
- Buttons
- Checkboxes
- Dropdown boxes
- Radio buttons
- File select
- action attribute
- method attribute

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<form>

- The <form> HTML element represents a document section containing interactive controls for submitting information.

<form>

</form>

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Label

- The **\<label\>** HTML element represents a caption for an item in a user interface.

for attribute:-

- The HTML \<label\> **for** Attribute is used to specify the type of form element a label is bound to.

\<label for="element_id"\>

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Input

- The **<input>** HTML element is used to create interactive controls for web-based forms in order to accept data from the user.

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Text Input

- **<input>** elements of type text create basic single-line text fields.

<input type="text">

Value attribute:

- The value attribute is a string that contains the current value of the text entered into the text field.

<input type="text" value= "Dolly Duck">

<input type="text" value= "Dolly Duck" id="name" name="name">

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Text Area

- The **<textarea>** HTML element represents a multi-line plain-text editing control, useful when you want to allow users to enter a sizeable amount of free-form text, for example a comment on a review or feedback form.

<textarea rows="5" cols="33" value=" ">

<textarea id="story" name="story" rows="5" cols="33" value=" ">

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Buttons

- **<input>** elements of type submit are rendered as buttons.

```
<input type="submit">
<input type="reset">

<input type="submit" value="Submit">
<input type="reset" value="Reset">
```

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Buttons

<u><button>: The Button element</u>

**<button type="submit" form="form1"
value="Submit">Submit</button>**

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Checkboxes

- **<input>** elements of type checkbox are rendered by default as boxes that are checked (ticked) when activated.

<input type="checkbox">

<input type="checkbox" id="check" name="check">

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Dropdown boxes

- The **<select>** HTML element represents a control that provides a menu of options.

```
<select name="pets" id="pet-select">
<option value="">--Please choose an option--</option>
<option value="dog">Dog</option>
<option value="cat">Cat</option>
<option value="hamster">Hamster</option>
<option value="parrot">Parrot</option>
<option value="spider">Spider</option>
<option value="goldfish">Goldfish</option>
</select>
```

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Radio buttons

- **<input>** elements of type radio are generally used in radio groups—collections of radio buttons describing a set of related options.

<input type="radio">

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File select

- **\<input\>** elements with **type="file"** let the user choose one or more files from their device storage. Once chosen, the files can be uploaded to a server using form submission.

\<input type="file"\>

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action attribute

- The HTML **action** Attribute is used to specify where the form data is to be sent to the server after the submission of the form.

- It can be used in the <form> element.

<form action="URL">

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method attribute

▪ The method attribute defines how data is sent.

The GET method:

▪ It is the default value.

▪ In the GET method, after the submission of the form, the form values will be visible in the address bar of the new browser tab.

▪ It has a limited size of about 3000 characters.

▪ It is only useful for non-secure data not for sensitive information.

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method attribute

<u>The POST method:</u>

- In the post method, after the submission of the form, the form values will not be visible in the address bar of the new browser tab.

- It has no size limitation.

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References

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Program link

https://onlinegdb.com/waEhZsjgPS

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Thank you