

GRADE 9

1ST QUARTER

LESSON 6



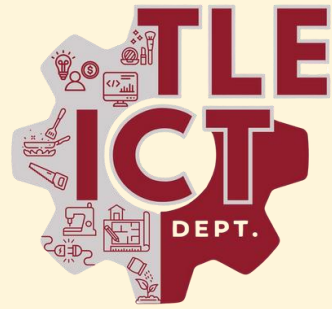
"A bright mind is nothing without a humble heart"

How to Create HTML Forms?



"A bright mind is nothing without a humble heart"

What is a Form?

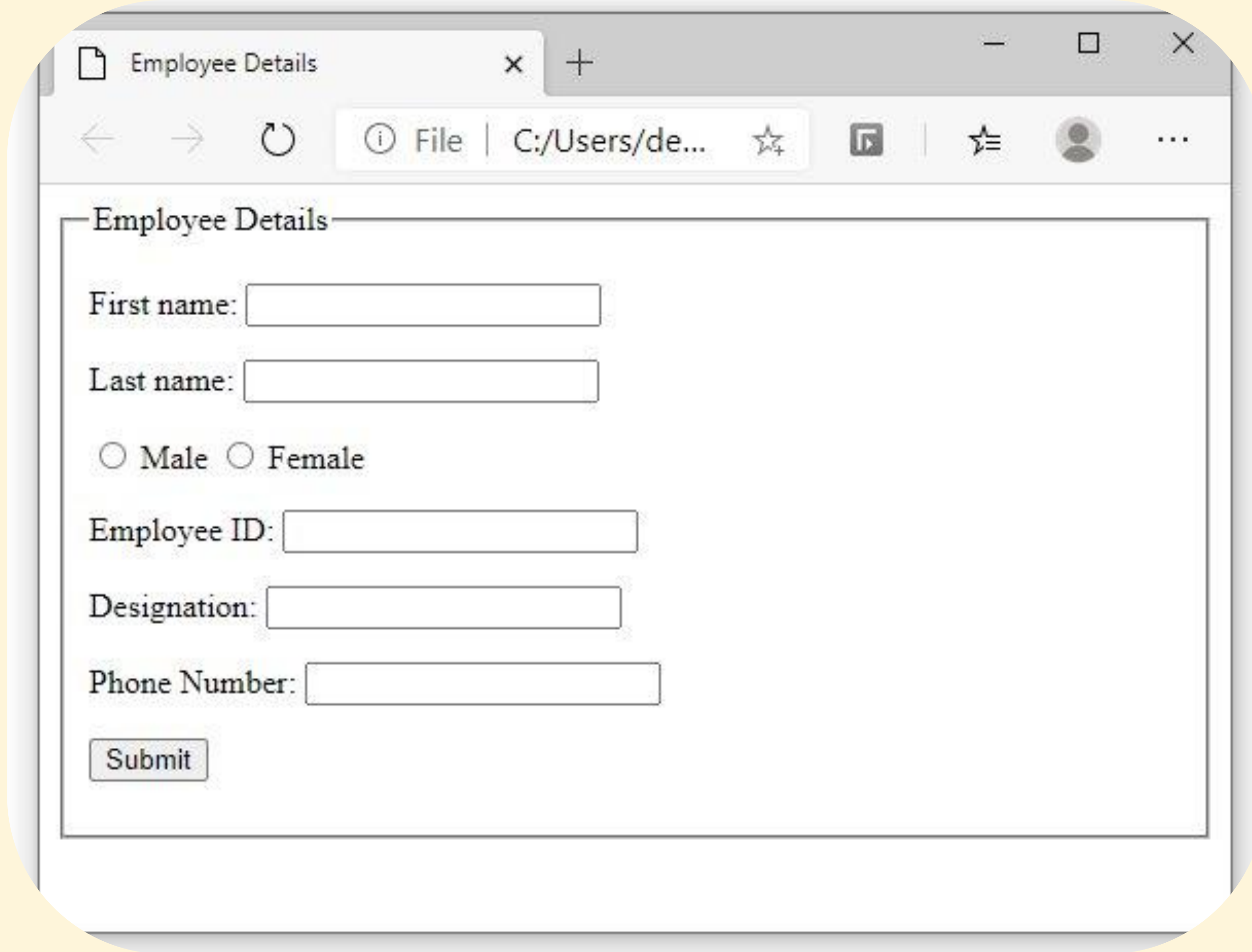


- Form allows you to gather feedback from your readers or visitors and work on the data to provide better service.
- Online forms are webpages purposely designed for gathering information on the Internet. These HTML documents are sent back to the server once the user submits them.
- The areas on the form are called fields, text fields or text boxes.

"A bright mind is nothing without a humble heart"

What is a Form?

- The form also contains command buttons such as Send or Reset buttons. You can also see standard controls such as check buttons or radio buttons and list boxes.
- To create a form, the container tag `<form></form>` must be used.

A screenshot of a web browser window displaying an 'Employee Details' form. The browser's address bar shows the file path 'C:/Users/de...'. The form contains several input fields and a submit button.

Employee Details

First name:

Last name:

Male Female

Employee ID:

Designation:

Phone Number:

"A bright mind is nothing without a humble heart"

Form



Forms present a variety of means for users to key in information:

- Textboxes
- Password boxes
- Radio buttons
- Check boxes
- Dropdown menus
- Text areas
- Submit buttons
- Reset or Clear buttons

"A bright mind is nothing without a humble heart"

- Form allows you to gather feedback from your readers or visitors and work on the data to provide better service.
- Online forms are webpages purposely designed for gathering information on the Internet. These HTML documents are sent back to the server once the user submits them.
- The areas on the form are called fields, text fields or text boxes.

"A bright mind is nothing without a humble heart"

Forms has two (2) attributes:

1. action
2. method

Action attribute

– is responsible for indicating where the information will be passed whether it is to another Web page or to a script.

Method attribute

– is responsible for indicating the way for sending the information.

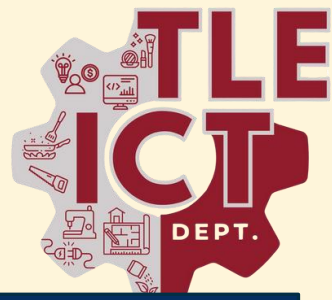
The **get** method of sending information appends the data into the URL. More specifically, the **get** method is just basically for retrieving data whereas the **post** method may update or store data.

Note: Using forms leads to effective communication between the user and the webmaster.

Attributes for `<form></form>`

Attribute Name	Definition	Values
action	Indicates where the information will be submitted. Ex. <code><form action="process.html"></form></code>	Filename (path could be included), URL
method	Indicates the method of submitting the information. Ex. <code><form action="process.html" method="post"></form></code>	post, get

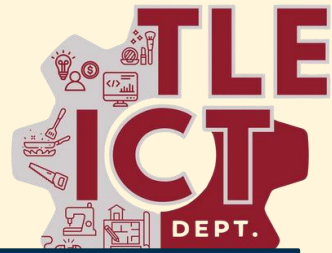
Content



- The form should be both visually appealing and functional, which means that you may need to take care when choosing which key points to include in a form.
- To start building an online form, the container tag `<form></form>` will be used. Start organizing the form by placing the *input* empty tag inside the `<form>` set of tags and have its attribute *type* specify the kind of input you are going to have.

"A bright mind is nothing without a humble heart"

Content



- Another attribute ***name***, distinguishes one input field to another.

Input element

- The input element of form is defined by the empty tag ***<input>*** is used for making *textboxes, password boxes, check boxes, radio buttons, submit buttons and reset buttons* depending on the value of the ***type*** attribute.

"A bright mind is nothing without a humble heart"

Values of the type attribute:

- 1.Text
- 2.Password
- 3.Checkbox
- 4.Radio
- 5.Submit
- 6.Reset

Note: A form also contains select lists, text areas and others.

Attributes for <input>

Attribute Name	Definition	Values
name	<p>Assigns a name to the input field. The name can be used for various purposes and is required in most circumstances.</p> <p>Ex. <code><input name="textArea1"></code></p>	Any text (without spaces)
type	<p>Indicates the type of input field</p> <p>Ex. <code><input name="textArea1" type="text"></code></p>	text, password, checkbox, radio, submit, reset

"A bright mind is nothing without a humble heart"

Attributes for <input>

Attribute Name	Definition	Values
size	Indicates the size of the input field. Ex. <code><input name="textArea1" type="text" size="30"></code>	Any number
value	Indicates the initial value of the input field. Indicates the label for the submit and reset buttons Ex. <code><input name="textArea1" type="text" value="Input text here"></code>	Any text

"A bright mind is nothing without a humble heart"

Attributes for <input>

Attribute Name	Definition	Values
checked	<p>Indicates, if by default, the input field (radio button or check box) is selected.</p> <p>Ex. <code><input name="checkBox1" type="checkbox" value="Dog" checked></code></p>	None

The checked attribute needs no value. It just needs to be present in the tag in order for it to provide its effect.

"A bright mind is nothing without a humble heart"

New Input Types in HTML5

Attribute Name	Definition	Example
color	Selects color from a color picker	<code><input type="color" name="favcolor"></code>
date	Defines a date control	<code><input type="date" name="bday"></code>
datetime	Allows you to select a date and time.	<code><input type="datetime" name="bdaytime"></code>

New Input Types in HTML5

Attribute Name	Definition	Example
email	Defines a field for an email address	<code><input type="email" name="useremail"></code>
month	Defines a month and year control	<code><input type="month" name="bdaymonth"></code>
number	Defines a numeric field	<code><input type="number" name="qty" min="1" max="5"></code>

New Input Types in HTML5

Attribute Name	Definition	Example
range	Defines control for entering a number whose exact value is not important.	<code><input type="range" name="points" min="1" max="10"></code>
search	Defines a search field	<code><input type="search" name="google"></code>
tel	Defines a field for entering a telephone number	<code><input type="tel" name="usertel"></code>

"A bright mind is nothing without a humble heart"

New Input Types in HTML5

Attribute Name	Definition	Example
time	Allows the user to select a time	<code><input type="time" name="usertime"></code>
URL	Used for input fields that should contain a URL address	<code><input type="url" name="homepage"></code>

Other input types are *“text”*, *“password”*, *“radio”*, *“checkbox”*, *“button”*, *“reset”*, *“submit”*, *“hidden”*, *“image”* and *“file”*. Add attributes like size, name and value.

Example: `<input type=“password” size=“15” maxlength=“20” name=“password” value=“jemma”>`

```

<html>
<head><title>Forms</title></head>
<body>
<h2>Customer Information Form</h2>
<form action="process.html" method="post">
Username: <input name="textbox1" type="text"><br><br>
Password: <input name="password1" type="password"><br><br>
Gender:<input type="radio" name="radio1" checked>Male
<input type="radio" name="radio1">Female<br><br>
Select a category:<br>
<input type="checkbox" name="checkboxCS">Computer Science<br>
<input type="checkbox" name="checkboxIT">Information Technology<br>
<input type="checkbox" name="checkboxIS">Information Systems<br><br>
Select City:<br>
<select name="select1" size="1">
<option value="quezoncity">Quezon City</option>
<option value="pasigcity">Pasig City</option>
<option value="mandacity">Mandaluyong City</option>
</select><br><br>
Tell us about yourself:<br>
<textarea name="tellus" rows="5" cols="30" wrap="hard">Feel free to tell us more about yourself
here.</textarea><br><br>
<input type="submit" value="SUBMIT">
<input type="reset" value="CLEAR">
</form>
</body>
</html>

```

—————> **Text box**

—————> **Radio button**

—————> **Check box**

—————> **Drop-down list**

—————> **Text area**

—————> **Submit and Clear buttons**





ANY QUESTIONS?

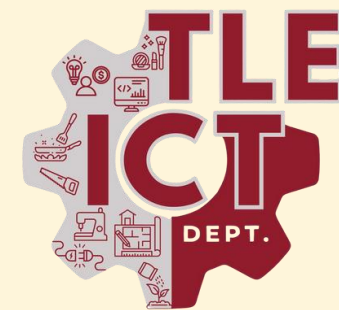
"A bright mind is nothing without a humble heart"

**How can you
apply the lesson
in your daily
activity as a
student?**

"A bright mind is nothing without a humble heart"



"A bright mind is nothing without a humble heart"



**Submit the LINK of your functioning
Web page in:**

<https://forms.office.com/r/v6ipNE95dc>

Deadline: Sept. 30, 2024 ; 6am-11:59pm