

1420-7001

By

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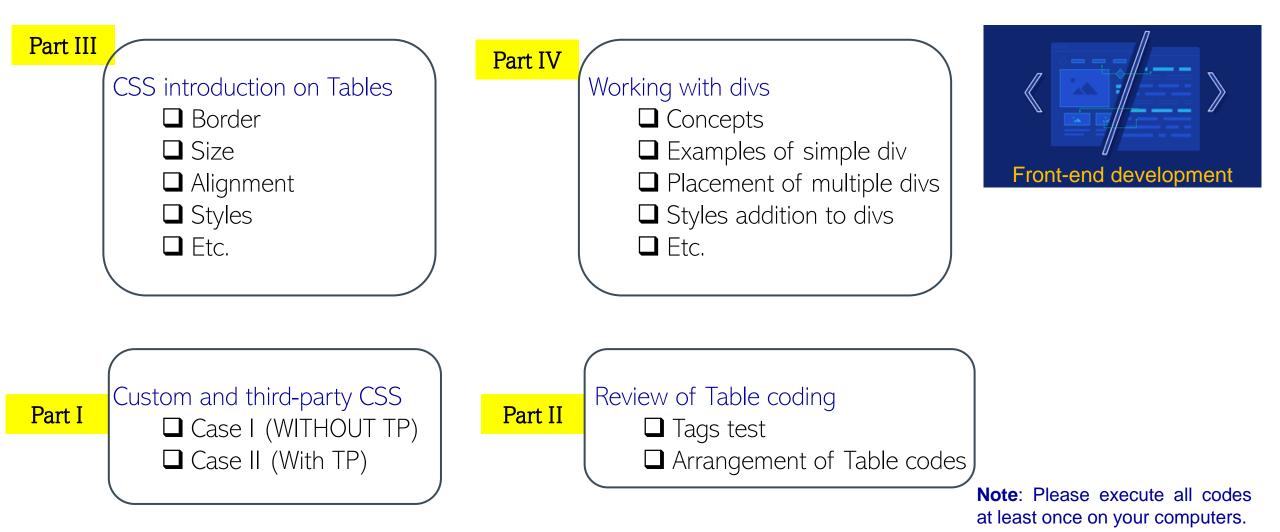
웹 프로그래밍

Web Programming

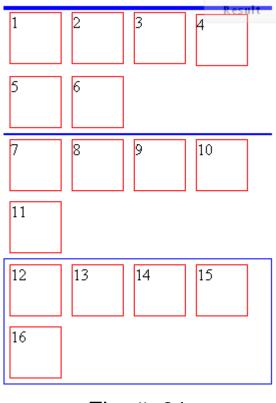
1st Semester, 2025



Summary of the Previous Lesson



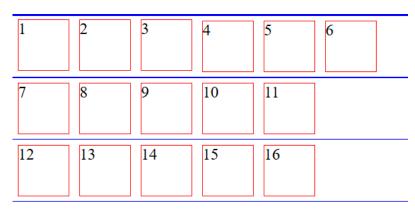
Class Activity #: 05



<Fig. #: 01>

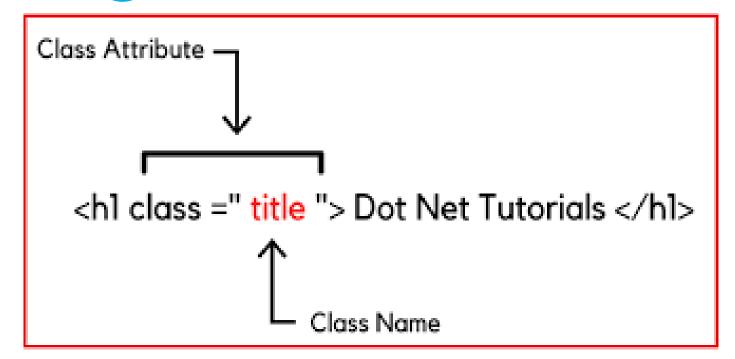
What is the difference between Fig. 1 and Fig. 2?

- Why do we need div in the website development?
- Is there any other way to arrange content on the website rather than using divs?
- Is it possible to use different HTML tags inside a div?
- Can we apply different css to different div? yes/no



<Fig. #: 02>

Working with HTML Classes



HTML Concepts-Class Attribute

The HTML class attribute is used to specify a class for an HTML element.

Multiple HTML elements can share the same class.

✓ The class attribute is often used to point to a class name in a style sheet. It can also be used by a JavaScript to access and manipulate elements with the specific class name.

HTML Coding examples-Class

Attribute

In the following example we have three <div> elements with a class attribute with the value of "city". All of the three <div> elements will be styled equally according to the .city style definition in the head section.

London

London is the capital of England.

Paris

Paris is the capital of France.

Tokyo

Tokyo is the capital of Japan.

```
!<html>
i<head>
!<style>
.city {
  background-color: tomato;
  color: white;
  border: 2px solid black;
  margin: 20px;
  padding: 20px;
-</style>
-</head>
]<body>
!<div class="city">
<h2>London</h2>
London is the capital of England.
-</div>
!<div class="city">
<h2>Paris</h2>
Paris is the capital of France.
-</div>
!<div class="city">
<h2>Tokyo</h2>
Tokyo is the capital of Japan.
</div>
-</body>
</html>
```

HTML Coding examples-Class Attribute < Write once and use for multiple>

In the following example we have two elements with a class attribute with the value of "note".

Both elements will be styled equally according to the .note style definition in the head section

```
Output of the code
l<html>
l<head>
<style>
                                              My Important Heading
.note {
  font-size: 120%;
                                              This is some important text.
  color: red;
</style>
</head>
|<body>
<h1>My <span class="note">Important</span> Heading</h1>
This is some <span class="note">important</span> text.
</body>
</html>
                                  Tip: The class attribute can be used on any HTML element.
                                  Note: The class name is case sensitive!
```

HTML Coding examples-Syntax for the Class

X To create a class; write a period (.) character, followed by a class name. Then, define the CSS properties

within curly braces {}:

```
<html>
|<head>
<style>
.city {
 background-color: tomato;
  color: white;
 padding: 10px;
</style>
</head>
<body>
<h2>The class Attribute</h2>
Use CSS to style elements with the class name "city":
<h2 class="city">London</h2>
London is the capital of England.
<h2 class="city">Paris</h2>
Paris is the capital of France.
<h2 class="city">Tokyo</h2>
Tokyo is the capital of Japan.
</body>
</html>
```

The class Attribute

Output of the code

Use CSS to style elements with the class name "city":

London

London is the capital of England.

Paris

Paris is the capital of France.

Tokyo

Tokyo is the capital of Japan.

HTML Coding examples-Syntax for the Multiple Class

- # HTML elements can belong to more than one class.
- ** To define multiple classes, separate the class names with a space, e.g. <div class="city main">. The element will be styled according to all the classes specified.
- In the following example, the first <h2> element belongs to both the city class and also to the main class, and will get the CSS styles from both of the classes:

HTML Coding examples-Syntax for the Multiple Class

```
l<html>
                                                                                   Output of the code
l<head>
                                        Multiple Classes
|<style>
.city {
                                        Here, all three h2 elements belongs to the "city" class. In addition, London also belongs to the "main" class, which center-aligns the
  background-color: tomato;
  color: white;
                                                                             London
  padding: 10px;
                                         Paris
.main {
  text-align: center;
                                         Tokyo
</style>
</head>
|<body>
<h2>Multiple Classes</h2>
Here, all three h2 elements belongs to the "city" class. In addition, London also belongs to
<h2 class="city main">London</h2>
<h2 class="city">Paris</h2>
<h2 class="city">Tokyo</h2>
</body>
</html>
```

HTML Coding examples-Same Class sharing between multiple Attributes

Different HTML elements can point to the same class name.

</html>

In the following example, both <h2> and point to the "city". class and will share the same style

Output of the code

```
l<ht.ml>
                                          Different Elements Can Share Same Class
!<head>
|<style>
                                          Even if the two elements do not have the same tag name, they can both point to the same class, and get the same CSS styling:
.city {
  background-color: tomato;
  color: white;
                                           Paris
  padding: 10px;
</style>
                                           Paris is the capital of France.
</head>
!<body>
<h2>Different Elements Can Share Same Class</h2>
Even if the two elements do not have the same tag name,
<h2 class="city">Paris</h2>
Paris is the capital of France.
</body>
```

Summary of the CSS Concepts-Class Attribute

- * The HTML class attribute specifies one or more class names for an element
- ★ Classes are used by CSS and JavaScript to select and access specific elements

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 Classes are used by CSS and JavaScript to select and access specific elements

 Classes are used by CSS and DavaScript to select and access specific elements

 Classes are used by CSS and DavaScript to select and access specific elements

 Classes are used by CSS are used by CSS and DavaScript to select and Dava
- * The class attribute can be used on any HTML element
- * The class name is case sensitive
- Different HTML elements can point to the same class name

Working with HTML id

```
Id Attribute 
<h1 id = "title"> Dot Net Tutorials </h1>

Id Name
```

HTML Concepts-ID Attribute

- # The HTML id attribute is used to specify a unique id for an HTML element.
- **X** You cannot have more than one element with the same id in an HTML document.
 - # The id attribute specifies a unique id for an HTML element. The value of the id attribute must be unique within the HTML document.
 - # The id attribute is used to point to a specific style declaration in a style sheet. It is also used by JavaScript to access and manipulate the element with the specific id.
 - # The syntax for id is: write a hash character (#), followed by an id name. Then, define the CSS properties within curly braces {}.

HTML Concepts-ID Attribute Example

- \mathbb{H} In the following example we have an <h1> element that points to the id name "myHeader".
- \mathbb{H} This <h1> element will be styled according to the #myHeader style definition in the head section.

```
!<html>
                                                                   Output of the code
!<head>
                                           The id Attribute
!<style>
#myHeader {
                                           Use CSS to style an element with the id "myHeader":
  background-color: lightblue;
  color: black;
  padding: 40px;
  text-align: center;
                                                                      My Header
-</style>
</head>
!<body>
<h2>The id Attribute</h2>
Use CSS to style an element with the id "myHeader":
<h1 id="myHeader">My Header</h1>
-</body>
```

-</html>

Note: The id name is case sensitive!

Note: The id name must contain at least one character, cannot start with a number, and must not contain whitespaces (spaces, tabs, etc.).

HTML Concepts-ID & Class Attribute (Difference)

A class name can be used by multiple HTML elements, while an id name must only be used by one HTML element within the page.

HTML Concepts-ID &

Class Attribute (Difference)

Output of the code



Difference Between Class and ID

A class name can be used by multiple HTML elements, while an id name must only be used by one HTML element within the page:

My Cities

London

London is the capital of England.

Paris

Paris is the capital of France.

Tokyo

Tokyo is the capital of Japan.

```
|<html>
!<head>
!<style>
/* Style the element with the id "myHeader" */
#myHeader {
  background-color: lightblue;
  color: black:
  padding: 40px;
  text-align: center;
/* Style all elements with the class name "city" */
.city {
  background-color: tomato;
  color: white;
  padding: 10px;
</style>
</head>
|<body>
<h2>Difference Between Class and ID</h2>
A class name can be used by multiple HTML elements, while an i
<!-- An element with a unique id -->
<h1 id="myHeader">My Cities</h1>
<!-- Multiple elements with same class -->
<h2 class="city">London</h2>
London is the capital of England.
<h2 class="city">Paris</h2>
Paris is the capital of France.
<h2 class="city">Tokyo</h2>
Tokyo is the capital of Japan.
</body>
</html>
```

HTML Concepts-HTML Bookmarks

- **#** HTML bookmarks are used to allow readers to jump to specific parts of a webpage.
- **#** Bookmarks can be useful if your page is very long.
- ** To use a bookmark, you must first create it, and then add a link to it.
- Then, when the link is clicked, the page will scroll to the location with the bookmark.

Lorem Ipsum is simply dummy text of IN THIS the printing and typesetting industry. CONTENT: Lorem Ipsum has been the industry's Hyper 1 standard dummy text ever since the Hyper 2 1500s, when an unknown printer took a <u>Hyper 3</u> galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets containing Lorem Ipsum passages,

HTML Coding Example-HTML

Bookmarks

Output of the code

Chapter 10

This chapter explains ba bla bla

Chapter 11

This chapter explains ba bla bla

Chapter 12

This chapter explains ba bla bla

Chapter 13

This chapter explains ba bla bla

Chapter 14

This chapter explains ba bla bla

Chapter 15

This chapter explains ba bla bla

Chapter 16

This chapter explains ba bla bla

Chapter 17

Jump to Chapter 4

- Jump to Chapter 10

Chapter 1

This chapter explains ba bla bla

Chapter 2

This chapter explains ba bla bla

Chapter 3

This chapter explains ba bla bla

Chapter 4

This chapter explains ba bla bla

Chapter 5

This chapter explains ba bla bla

Chapter 6

This chapter explains ba bla bla

Chapter 7

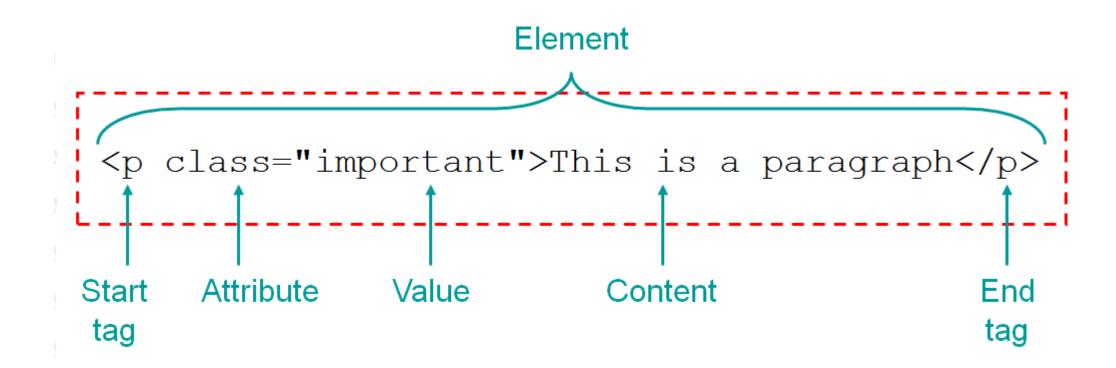
```
<body>
<a href="#C4">Jump to Chapter 4</a>
<a href="#C10">Jump to Chapter 10</a>
<h2>Chapter 1</h2>
This chapter explains be bla bla
<h2>Chapter 2</h2>
This chapter explains ba bla bla
<h2>Chapter 3</h2>
This chapter explains be bla bla
<h2 id="C4">Chapter 4</h2>
This chapter explains be bla bla
<h2>Chapter 5</h2>
This chapter explains be bla bla
<h2>Chapter 6</h2>
This chapter explains be bla bla
<h2>Chapter 7</h2>
This chapter explains be bla bla
<h2>Chapter 8</h2>
This chapter explains be bla bla
<h2>Chapter 9</h2>
This chapter explains ba bla bla
<h2 id="C10">Chapter 10</h2>
This chapter explains be bla bla
<h2>Chapter 11</h2>
This chapter explains be bla bla
<h2>Chapter 12</h2>
This chapter explains be ble ble
<h2>Chapter 13</h2>
This chapter explains be ble ble
<h2>Chapter 14</h2>
This chapter explains ba bla bla
<h2>Chapter 15</h2>
This chapter explains ba bla bla
<h2>Chapter 16</h2>
This chapter explains be bla bla
<h2>Chapter 17</h2>
This chapter explains be bla bla
<h2>Chapter 18</h2>
This chapter explains be bla bla
<h2>Chapter 19</h2>
This chapter explains be bla bla
<h2>Chapter 20</h2>
This chapter explains be bla bla
<h2>Chantan 21</h2>
```

Summary of the id Attribute

- # The id attribute is used to specify a unique id for an HTML element.
- # The value of the id attribute must be unique within the HTML document.
- # The id attribute is used by CSS and JavaScript to style/select a specific element.
- # The value of the id attribute is case sensitive.
- # The id attribute is also used to create HTML bookmarks.

Self Test

What are the Elements, Tags, and Attributes in HTML?



Links in HTML



HTML Concepts-Text Links

- **X** A webpage can contain various links that take us directly to other web pages or resources and even specific parts of a given page. These links are known as **hyperlinks**.
- # Hyperlinks allow visitors to navigate between Web sites by clicking on words, phrases, and images.
- # Thus, you can create hyperlinks using text or images available on a webpage.

Linking document

A link is specified using HTML tag <a>. This tag is called **anchor tag** and anything between the opening <a> tag and the closing tag becomes part of the link and a user can click that part to reach the linked document. Following is the simple syntax to use <a> tag.

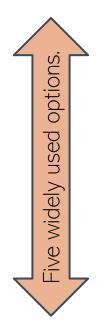
Link Text

Let's try following example which links http://www.tutorialspoint.com.

```
<!DOCTYPE html>
|<html>
I<head>
    <title>Hyperlink Example</title>
</head>
|<body>
    Click following link
    <a href="https://www.tutorialspoint.com/" target=" self">Tutorials Point</a>
</body>
</html>
                            Output of the code
                                                                X
                                                                             https://www.tutorialspoint.com/index.htm
                          \mathbf{C}
                              \bigcirc
                                                                 Home
                                                                           </> Coding Ground
                                                                                              □ Jobs
                                                                                                       □ Whiteboard
                                                                                                                      > Tools
                                    (i) File | D:/Korea!
                Click following link
                                                                      tutorialspoint
                                                                                         Category ∨
                Tutorials Point
                                                                     SQL
                                                                             HTML
                                                                                      CSS
                                                                                              Javascript
                                                                                                           Python
                                                                                                                             C
                                                                                                                     Java
```

HTML Concepts-Text Links-The "target" Attribute

****** We have used target attribute in our previous example (slide). This attribute is used to specify the location where linked document is opened. Following are the possible values of target attribute



S.No.	Option & Description
1	_blank Opens the linked document in a new window or tab.
2	_self Opens the linked document in the same frame.
3	_parent Opens the linked document in the parent frame.
4	_top Opens the linked document in the full body of the window.
5	targetframe Opens the linked document in a named targetframe.



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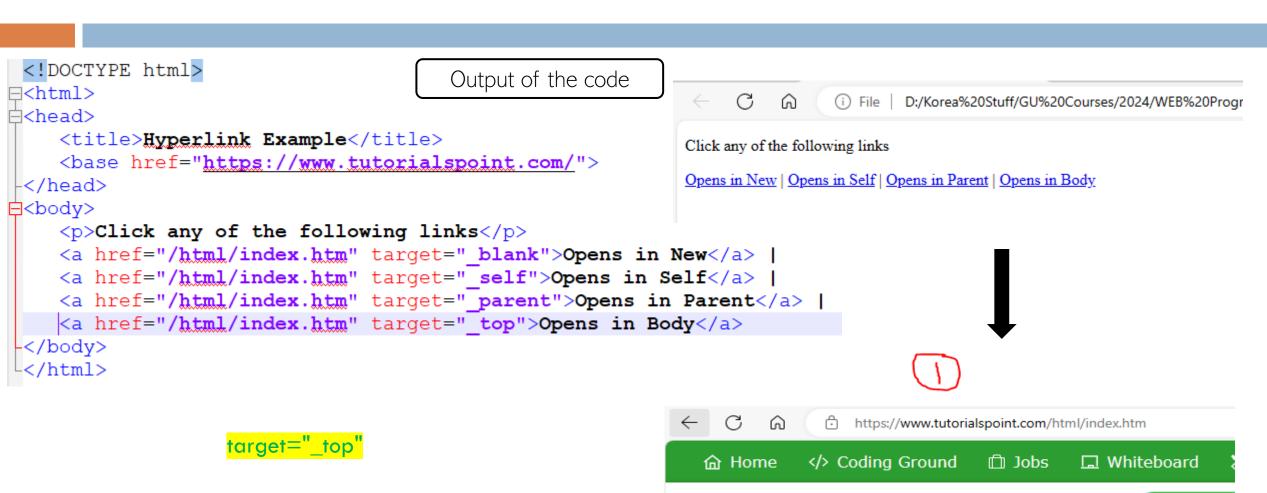
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HTML Coding Example-Text Links (Link Colors)

₩ You can set colors of your links, active links and visited links using link, alink and vlink attributes of <body> tag.

```
Output of the code
|<html>
i<head>
   <title>Hyperlink Example</title>
                                                                                                     (i) File D:/Korea%
   <base href="https://www.tutorialspoint.com/">
</head>
                                                                                      Click following link
|<body alink="#54A250" link="#040404" vlink="#F40633">
                                                                                      HTML Tutorial
    Click following link
   <a href="/html/index.htm" target=" blank">HTML Tutorial</a>
</body>
</html>
                                                                      https://www.tutorialspoint.com/html/index.htm
                                                                     Coding Ground
                                                           Home
                                                                                      🗇 Jobs

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                                                                                                   Python
                                                                                                             Java
```

HTML Coding Example-Text Links (Download Link)

¥ You can create text link to make your PDF, or DOC or ZIP files downloadable. This is very simple; you just need to give complete URL of the downloadable file as follows.

```
|<html>
|<head>
    <title>Hyperlink Example</title>
</head>
!<body>
    <a href="https://www.tutorialspoint.com/html/src/sample.txt">Download File</a>
</body>
</html>
                                      Output of the code
                                      (i) File D:/Korea%20Stuff/GU%20Courses/2024
                      Download File
                                                                           https://www.tutorialspoint.com/html/src/sample.txt
                                                        this is a sample file
```

HTML Concepts-Image Links

- **X** Similar to text, images can also be used as links in HTML which means by clicking these images, we can navigate to another web pages or resources.
- # Image links are very useful in creating websites like photo galleries, portfolio, online stores and so on. In this tutorial, we will learn how to use images to create hyperlinks.

To create an **HTML image link**, we need tag and an anchor element. The image element is used to display the image on the web page, and the anchor element is used to specify the destination URL of the link.

The syntax of an HTML image link is as follows -

```
<a href=" destination URL">
     <img src="image URL" alt="alternative text">
     </a>
```

HTML Coding Example-Image Links

```
<!DOCTYPE html>
                                                          Note: This was the simplest way of creating
|<html>
                                                          hyperlinks using images.
|<head>
    <title>Image Hyperlink Example</title>
</head>
<body>
   <a href="https://www.tutorialspoint.com">
   ---- <imq_src="logo.jpg" alt="Tutorials Point" border="0" />
</body>
                                Output of the code
</html>
                                                                   https://www.tutorialspoint.com/index.htm
          (i) File | D:/Korea%20Stuff/GU%20Courses/202
                                                                 Coding Ground
                                                                                                           X Tools
                                                        Home
                                                                                   □ Jobs

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                                                                                                          Java
```

HTML Concepts-Email Links

- **# HTML email links** allows us to send an email to a specific address by clicking on a hyperlink. It is not difficult to put an HTML email link on our web page but it can cause unnecessary spamming problem for the email account.
- # There are people, who can run programs to harvest these types of emails and later use them for spamming in various ways.

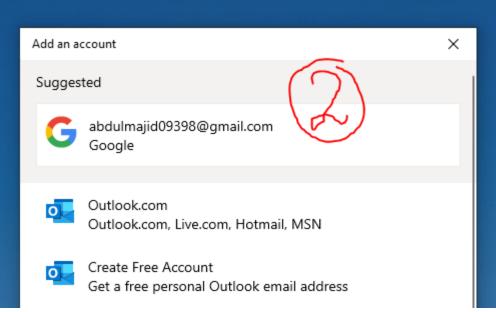
Email Link in HTML

In HTML, the <a> tag provides an option to specify recipient's email address to send an email. While using <a> tag as an email tag, we will use mailto: email address within href attribute. Following is the syntax of using mailto –

```
<a href= "mailto: name@email.com"> ... </a>
```

HTML Coding Example-Email Links

```
On executing the code, a link will be displayed on the screen. If a user clicks this
<!DOCTYPE html>
                                                 link, it launches one pop-up with list of Email Clients (like Gmail, Outlook etc.)
1<ht.ml>
!<body>
                                                 installed on user's computer. If the user do not have any email client installed on
    >
                                                 their computer then it would not be possible to send email.
       Creating an HTML Email Link
   <a href= "mailto: abdulmajid09398@email.com"> Click to Send Mail</a>
</body>
</html>
                                                Output of the code
                                       D:/Korea%20Stuff/GU%20Courses/2024/WEB%
                 Creating an HTML Email Link
                 Click to Send Mail
```



HTML Forms A Tool/Way of Data Collection in Web Apps

HTML-Forms

- □ In web applications, data is usually collected with forms.
- An HTML form is used to collect user input. The user input is most often sent to a server for processing.
- In this course, we need to learn how to create forms for data collection.



Designing HTML-Forms

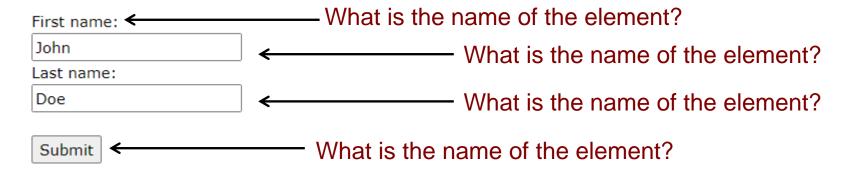
- **# Label**: It describes the purpose of the form element.
- # Input: It accepts the data entered in the form, such as text, password, email, address, etc.
- # Textarea: This allows people to enter long text content.
- **# Button**: It provides a clickable button so an element can perform a function.
- # Select: It lets users scroll through a list of available options in a drop-down list box and choose one from them.
- # Fieldset: It can enclose the various form elements and group-related data in a box.
- **X** Legend: It puts captions for fieldset components.
- # Datalist: It identifies pre-defined list options for input controls.
- # Output: It displays the results of the performed calculations.
- **# Option**: It defines available choices in a drop-down list.
- # Opt group: It creates group options in a drop-down list.

To <u>create forms</u>, you need to put input fields, preformatted text, lists, and tables.

Designing HTML-Forms

To <u>create forms</u>, you need to put input fields, preformatted text, lists, and tables.

Class Activity: Identify the elements of the below forms.



Designing HTML-Form Element

The HTML <form> element is used to create an HTML form for user input

```
<form>
.
form elements
.
</form>
```

X The <form> element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.

Designing HTML-Forms

To <u>create forms</u>, you need to put input fields, preformatted text, lists, and tables. Below is one example of creating forms.

HTML Forms
First name: John
Last name:
Doe
Submit
If you click the "Submit" button, the form-data will be sent to a page called "/action_page.php"

Designing HTML-Forms

- **36** To <u>create forms</u>, you need to put input fields, preformatted text, lists, and tables.
- **#** Below is one example of creating forms.

Туре	Description
<input type="text"/>	Displays a single-line text input field
<input type="radio"/>	Displays a radio button (for selecting one of many choices)
<input type="checkbox"/>	Displays a checkbox (for selecting zero or more of many choices)
<input type="submit"/>	Displays a submit button (for submitting the form)
<input type="button"/>	Displays a clickable button

HTML Forms How to develop forms

HTML-Forms

- □ In web applications, data is usually collected with forms.
- An HTML form is used to collect user input. The user input is most often sent to a server for processing.
- In this course, we need to learn how to create forms for data collection.



Designing HTML-Forms

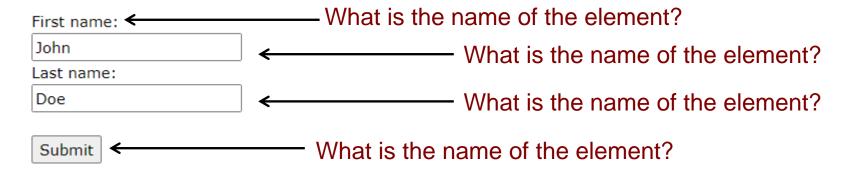
- **# Label**: It describes the purpose of the form element.
- # Input: It accepts the data entered in the form, such as text, password, email, address, etc.
- # Textarea: This allows people to enter long text content.
- **# Button**: It provides a clickable button so an element can perform a function.
- # Select: It lets users scroll through a list of available options in a drop-down list box and choose one from them.
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Designing HTML-Forms

To <u>create forms</u>, you need to put input fields, preformatted text, lists, and tables.

Class Activity: Identify the elements of the below forms.



Designing HTML-Form Element

The HTML <form> element is used to create an HTML form for user input

```
<form>
.
form elements
.
</form>
```

X The <form> element is a container for different types of input elements, such as: text fields, checkboxes, radio buttons, submit buttons, etc.

Designing HTML-Forms

To <u>create forms</u>, you need to put input fields, preformatted text, lists, and tables. Below is one example of creating forms.

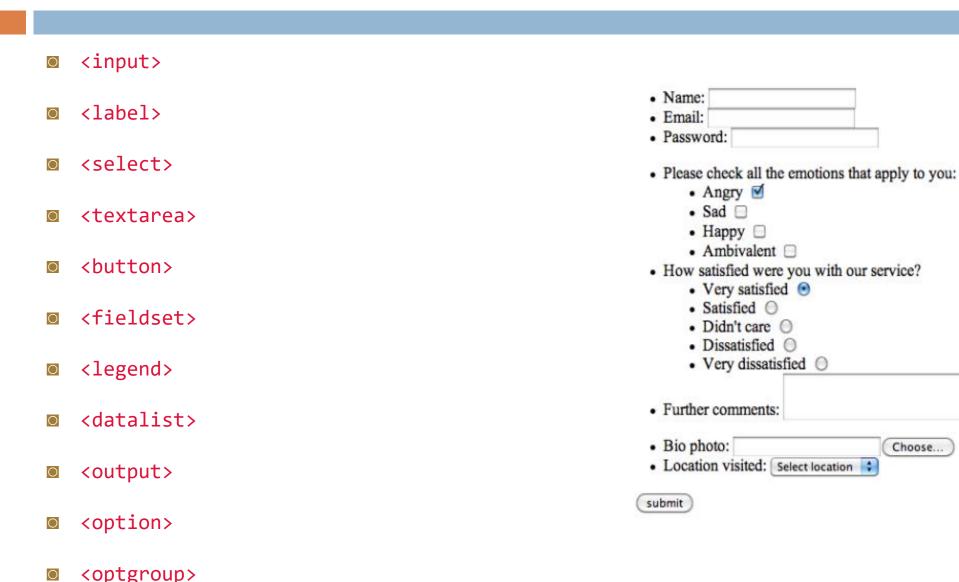
HTML Forms
First name: John
Last name:
Doe
Submit
If you click the "Submit" button, the form-data will be sent to a page called "/action_page.php"

Designing HTML-Forms

- **36** To <u>create forms</u>, you need to put input fields, preformatted text, lists, and tables.
- **#** Below is one example of creating forms.

Туре	Description
<input type="text"/>	Displays a single-line text input field
<input type="radio"/>	Displays a radio button (for selecting one of many choices)
<input type="checkbox"/>	Displays a checkbox (for selecting zero or more of many choices)
<input type="submit"/>	Displays a submit button (for submitting the form)
<input type="button"/>	Displays a clickable button

Designing HTML-Forms {Elements of the forms}



Designing HTML-Forms {Elements of the forms}

Input in HTML forms

- **38** One of the most used form elements is the <input> element.
- # The <input> element can be displayed in several ways, depending on the type attribute.

The input Elemen			
Fin	rst nan	ne:	
_			
S	ubmit		



Different types of Inputs in HTML

HTML Input Types

```
# <input type="button">

% <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

% <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

% <input type="month">

% <input type="number">

% <input type="password">

% <input type="radio">

% <input type="range">

# <input type="reset">

% <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

% <input type="time">

# <input type="url">

# <input type="week">
```

Different types of Inputs in HTML

Here are the different input types you can use in HTML.

```
% <input type="button">

# <input type="checkbox">

# <input type="color">

                                                                             Input Type Text
# <input type="date">
# <input type="datetime-local">
                                               <input type="text"> defines a single-line text input field:

% <input type="email">

# <input type="file">

                                     <!DOCTYPE html>

# <input type="hidden">

                                     <html>

# <input type="image">

                                     <body>

# <input type="month">

                                     <h2>Text field</h2>

# <input type="number">

                                     The <strong>input type="text"</strong> defines a one-line text input field:

# <input type="password">

                                     <form action="/action page.php">

% <input type="radio">

                                       <label for="fname">First name:</label><br>
                                       <input type="text" id="fname" name="fname"><br></pr>

# <input type="range">

                                       <label for="lname">Last name:</label><br>

# <input type="reset">

                                       <input type="text" id="lname" name="lname"><br><br><br>
                                       <input type="submit" value="Submit">
# <input type="search">
                                     </form>

# <input type="submit">

                                     Note that the form itself is not visible.

# <input type="tel">

                                     Also note that the default width of a text field is 20 characters.
光 <input type="text">

# <input type="time">

                                     </body>
                                     </html>

# <input type="url">
```

<input type="week">

Text field

The input type="text" defines a one-line text input field:

First name: Last name:

Submit

Note that the form itself is not visible

Also note that the default width of a text field is 20 characters.

```
% <input type="button">

% <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

                                                   <!DOCTYPE html>
                                                   <html>

# <input type="month">

                                                   <body>

# <input type="number">

                                                   <h2>Password field</h2>

# <input type="password">

% <input type="radio">

                                                   The <strong>input type="password"</strong> defines a password field:
# <input type="range">
                                                   <form action="/action page.php">
                                                     <label for="username">Username:</label><br>

# <input type="reset">

                                                     <input type="text" id="username" name="username"><br>
# <input type="search">
                                                     <label for="pwd">Password:</label><br>
                                                     <input type="password" id="pwd" name="pwd"><br><br></pr></pr>

# <input type="submit">

                                                     <input type="submit" value="Submit">

# <input type="tel">

                                                   </form>
# <input type="text">
                                                   <The characters in a password field are masked (shown as asterisks or circles).</p>

# <input type="time">

                                                   </body>

# <input type="url">

                                                   </html>

# <input type="week">
```

Input Type Password

<input type="password"> defines a password field.

Password field

The input type="password" defines a password field:

Username:

Password:

Submit

The characters in a password field are masked (shown as asterisks or circles).

```
% input type="button">

# <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

# <input type="number">

# <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

# <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type Submit

- <input type="submit"> defines a button for submitting form data to a form-handler.
- The form-handler is typically a server page with a script for processing input data.
- The form-handler is specified in the form's action attribute

```
<!DOCTYPE html>
<html>
<body>
<h2>Submit Button</h2>
The <strong>input type="submit"</strong> defines a button for submitting form data to a
form-handler:
<form action="/action_page.php">
  <label for="fname">First name:</label><br>
  <input type="text" id="fname" name="fname" value="John"><br>
  <label for="lname">Last name:</label><br>
 <input type="text" id="lname" name="lname" value="Doe"><br><br><br></pr>
  <input type="submit" value="Submit">
</form>
If you click "Submit", the form-data will be sent to a page called "/action page.php".
</body>
</html>
```

Submit Button

The input type="submit" defines a button for submitting form data to a form-handler:

First name: John Last name:

Doe Last name:

Submit

If you click "Submit", the form-data will be sent to a page called "/action_page.php".

```
% input type="button">

# <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

# <input type="number">

# <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

# <input type="search">

% <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type Submit

- <input type="submit"> defines a button for submitting form data to a form-handler.
- The form-handler is typically a server page with a script for processing input data.
- The form-handler is specified in the form's action attribute
- If you omit the submit button's value attribute, the button will get a default text.

First name:
John
Last name:
Doe
Submit

```
% <input type="button">

% <input type="checkbox">

% <input type="color">

# <input type="date">

                                                      their default values.
# <input type="datetime-local">

% <input type="email">

# <input type="file">

# <input type="hidden">

                                          <!DOCTYPE html>

# <input type="image">

                                          <html>

% <input type="month">

                                          <body>

# <input type="number">

                                          <h2>Reset Button</h2>

# <input type="password">

                                          The <strong>input type="reset"</strong> defines a reset button that resets all form values
                                          to their default values:

% <input type="radio">

# <input type="range">
                                          <form action="/action page.php">
                                            <label for="fname">First name:</label><br>

# <input type="reset">

                                            <input type="text" id="fname" name="fname" value="John"><br>
                                            <label for="lname">Last name:</label><br>
# <input type="search">
                                            <input type="text" id="lname" name="lname" value="Doe"><br><br></pr>

# <input type="submit">

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

# <input type="tel">

                                          </form>
# <input type="text">
                                          If you change the input values and then click the "Reset" button, the form-data will be
                                          reset to the default values.

# <input type="time">

# <input type="url">

                                          </body>
                                           </html>

# <input type="week">
```

Input Type Reset

% <input type="reset"> defines a reset button that will reset all form values to

Reset Button

The input type="reset" defines a reset button that resets all form values to their default values:

First name: Last name: Doe

Submit Reset

If you change the input values and then click the "Reset" button, the form-data will be reset to the default values.

```
# <input type="button">

# <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

% <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

# <input type="number">

# <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

# <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type Radio

- **★** <input type="radio"> defines a radio button.
- **X** Radio buttons let a user select ONLY ONE of a limited number of choices.

```
<!DOCTYPE html>
<html>
<body>
<h2>Radio Buttons</h2>
The <strong>input type="radio"</strong> defines a radio button:
Choose your favorite Web language:
<form action="/action page.php">
  <input type="radio" id="html" name="fav language" value="HTML">
  <label for="html">HTML</label><br>
  <input type="radio" id="css" name="fav language" value="CSS">
  <label for="css">CSS</label><br>
  <input type="radio" id="javascript" name="fav language" value="JavaScript">
  <label for="javascript">JavaScript</label><br><br>
 <input type="submit" value="Submit">
</form>
</body>
</html>
```

Radio Buttons

The input type="radio" defines a radio button:

Choose your favorite Web language:

- O HTML
- O CSS
- JavaScript

Submit

```
% <input type="button">

% <input type="checkbox">

# <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

# <input type="number">

# <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

# <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type Checkbox

- **%** <input type="checkbox"> defines a checkbox.
- # Checkboxes let a user select ZERO or MORE options of a limited number of choices.

```
<!DOCTYPE html>
<html>
<body>
<h2>Checkboxes</h2>
The <strong>input type="checkbox"</strong> defines a checkbox:
<form action="/action page.php">
  <input type="checkbox" id="vehicle1" name="vehicle1" value="Bike">
  <label for="vehicle1"> I have a bike</label><br>
  <input type="checkbox" id="vehicle2" name="vehicle2" value="Car">
  <label for="vehicle2"> I have a car</label><br>>
  <input type="checkbox" id="vehicle3" name="vehicle3" value="Boat">
  <label for="vehicle3"> I have a boat</label><br><br></pr>
  <input type="submit" value="Submit">
</form>
</body>
</html>
```

Checkboxes

The input type="checkbox" defines a checkbox:

- ☐ I have a bike
- ☐ I have a car
- ☐ I have a boat

Submit

```
% <input type="button">

                                                                                Input Type Button

# <input type="checkbox">

% <input type="color">

                                                            <input type="button"> defines a button

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">

                                         <!DOCTYPE html>

# <input type="hidden">

                                         <html>
                                         <body>

# <input type="image">

# <input type="month">

                                         <h2>Input Button</h2>

% <input type="number">

                                         <input type="button" onclick="alert('Hello World!')" value="Click Me!">

# <input type="password">

% <input type="radio">

                                         </body>

# <input type="range">

                                         </html>

# <input type="reset">

% <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">
```

<input type="url"> # <input type="week">

Input Button

Click Me!

```
% <input type="button">

# <input type="checkbox">

光 <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">

# <input type="hidden">

                                        <!DOCTYPE html>
                                        <html>

# <input type="image">

                                        <body>

# <input type="month">

                                        <h2>Show a Color Picker</h2>

# <input type="number">

# <input type="password">

                                        The <strong>input type="color"</strong> is used for input fields that should contain a
                                        color.

% <input type="radio">

# <input type="range">

                                        <form action="/action page.php">
                                          <label for="favcolor">Select your favorite color:</label>

# <input type="reset">

                                          <input type="color" id="favcolor" name="favcolor" value="#ff0000">

% <input type="search">

                                          <input type="submit" value="Submit">
                                        </form>

# <input type="submit">

# <input type="tel">

                                        <b>Note:</b> type="color" is not supported in Internet Explorer 11 or Safari 9.1 (or
# <input type="text">
                                        earlier).

# <input type="time">

                                        </body>
光 <input type="url">
                                        </html>
# <input type="week">
```

Input Type Color

- The <input type="color"> is used for input fields that should contain a color.
- Depending on browser support, a color picker can show up in the input field.

Show a Color Picker

The input type="color" is used for input fields that should contain a color.

Select your favorite color: Submit

Note: type="color" is not supported in Internet Explorer 11 or Safari 9.1 (or earlier).

```
# <input type="button">

% <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

                                            <!DOCTYPE html>

# <input type="file">

                                            <html>

# <input type="hidden">

                                            <body>

# <input type="image">

                                           <h2>Date Field</h2>

# <input type="month">

% <input type="number">

                                           The <strong>input type="date"</strong> is used for input fields that should contain a
                                           date.

# <input type="password">

% <input type="radio">

                                           <form action="/action_page.php">

# <input type="range">

                                             <label for="birthday">Birthday:</label>
                                             <input type="date" id="birthday" name="birthday">

# <input type="reset">

                                             <input type="submit" value="Submit">

% <input type="search">

                                            </form>

# <input type="submit">

                                           <strong>Note:</strong> type="date" is not supported in Internet Explorer 11 or prior

# <input type="tel">

                                           Safari 14.1.
# <input type="text">

# <input type="time">

                                            </body>
                                            </html>

# <input type="url">

# <input type="week">
```

Input Type Date

- The <input type="date"> is used for input fields that should contain a date.
- Depending on browser support, a date picker can show up in the input field.

Date Field

The input type="date" is used for input fields that should contain a date.

Birthday: mm/dd/yyyy 📋 Submit

Note: type="date" is not supported in Internet Explorer 11 or prior Safari 14.1.

```
# <input type="button">

                                                                                  Input Type Date

% <input type="checkbox">

% <input type="color">

    You can also use the min and max attributes to add restrictions to dates:

# <input type="date">

# <input type="datetime-local">

# <input type="email">

                                   <!DOCTYPE html>

# <input type="file">

                                   <html>

# <input type="hidden">

                                   <body>

# <input type="image">

                                   <h2>Date Field Restrictions</h2>

# <input type="month">

                                   Use the min and max attributes to add restrictions to dates:

# <input type="number">

# <input type="password">

                                   <form action="/action page.php">
                                     <label for="datemin">Enter a date after 2000-01-01:</label>

% <input type="radio">

                                     <input type="date" id="datemin" name="datemin" min="2000-01-02"><br><br><br>

# <input type="range">

                                     <label for="datemax">Enter a date before 1980-01-01:</label>

# <input type="reset">

                                     <input type="date" id="datemax" name="datemax" max="1979-12-31"><br><br><br><br>

% <input type="search">

                                     <input type="submit" value="Submit">

# <input type="submit">

                                   </form>

# <input type="tel">

                                   <strong>Note:</strong> type="date" is not supported in Internet Explorer 11 or prior
# <input type="text">
                                   Safari 14.1.

# <input type="time">

# <input type="url">

                                   </body>
                                   </html>
# <input type="week">
```

Date Field Restrictions

Use the min and max attributes to add restrictions to dates:

Enter a date after 2000-01-01: mm/dd/yyyy 📋

Enter a date before 1980-01-01: mm/dd/yyyy

Submit

Note: type="date" is not supported in Internet Explorer 11 or prior Safari 14.1.

Input Type Datetime-local

- The <input type="datetime-local"> specifies a date and time input field, with no time zone.
 - Depending on browser support, a date picker can show up in the input field.

<input type="button">
<input type="checkbox">

% <input type="color">

<input type="date">

<input type="email">
<input type="file">

<input type="hidden">

<input type="image">

<input type="month">

% <input type="number">

% <input type="radio">

<input type="range">

<input type="reset">

<input type="search">

<input type="submit">

<input type="tel">

<input type="text">

<input type="time">

** <input type="url">

** <input type="week">

<input type="password">

Local Date Field

The input type="datetime-local" specifies a date and time input field, with no time zone.

Birthday (date and time): mm/dd/yyyy --:-- -- 📋 Submit

Note: type="datetime-local" is not supported in Internet Explorer 11 or prior Safari 14.1.

```
# <input type="button">

                                                                             Input Type Email

% <input type="checkbox">

                                  # The <input type="email"> is used for input fields that should contain an e-mail address.

% <input type="color">

# <input type="date">

                                      Depending on browser support, the e-mail address can be automatically validated when submitted.

# <input type="datetime-local">

% <input type="email">

                                  X Some smartphones recognize the email type, and add ".com" to the keyboard to match email input.

# <input type="file">

# <input type="hidden">

# <input type="image">

                                             <!DOCTYPE html>
                                                                                                                          Email Field
                                             <html>

# <input type="month">

                                             <body>

% <input type="number">

                                                                                                                          The input type="email" is used for input fields that should contain an e-mail address:
                                             <h2>Email Field</h2>

# <input type="password">

                                                                                                                          Enter your email:
                                                                                                                                                        Submit

% <input type="radio">

                                             The <strong>input type="email"</strong> is used for input fields that should contain an e-

# <input type="range">

                                             mail address:

# <input type="reset">

                                             <form action="/action page.php">

# <input type="search">

                                               <label for="email">Enter your email:</label>
                                               <input type="email" id="email" name="email">

# <input type="submit">

                                               <input type="submit" value="Submit">

# <input type="tel">

                                             </form>

# <input type="text">

                                             </body>
```

<input type="time">

<input type="url"> # <input type="week"> </html>

```
% <input type="checkbox">

# <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">
                                          <!DOCTYPE html>

# <input type="hidden">

                                          <html>
                                          <body>

% <input type="image">

# <input type="month">

                                          <h2>Display an Image as the Submit button</h2>

# <input type="number">

                                          <form action="/action page.php">
                                           <label for="fname">First name: </label>

# <input type="password">

                                           <input type="text" id="fname" name="fname"><br><br></pr></pr>

% <input type="radio">

                                           <label for="lname">Last name: </label>
                                           <input type="text" id="lname" name="lname"><br><br></pr>

# <input type="range">

                                           <input type="image" src="img submit.gif" alt="Submit" width="48" height="48">

# <input type="reset">

                                          </form>

# <input type="search">

                                          <b>Note:</b> The input type="image" sends the X and Y coordinates of the click that

# <input type="submit">

                                          activated the image button.

# <input type="tel">

                                          </body>
# <input type="text">
                                          </html>

# <input type="time">
```

% <input type="button">

<input type="url"> # <input type="week">

Input Type Image

- \mathbb{H} The <input type="image"> defines an image as a submit button.
- The path to the image is specified in the src attribute.

Display an Image as the Submit button

First name: Last name:



Note: The input type="image" sends the X and Y coordinates of the click that activated the image button.

```
% <input type="button">

% <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

% <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

% <input type="number">

# <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

# <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type File

The <input type="file"> defines a file-select field and a "Browse" button for file uploads.

File upload

Show a file-select field which allows a file to be chosen for upload:

Select a file: Choose File No file chosen

Submit

```
# <input type="button">

% <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

% <input type="email">

% <input type="file">

% <input type="hidden">

% <input type="image">

% <input type="month">

% <input type="number">

% <input type="password">

% <input type="radio">

% <input type="range">

# <input type="reset">

# <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

</html>

Input Type Hidden

- ☐ The <input type="hidden"> defines a hidden input field (not visible to a user).
- ☐ A hidden field lets web developers include data that cannot be seen or modified by users when a form is submitted.
- ☐ A hidden field often stores what database record that needs to be updated when the form is submitted.
- Note: While the value is not displayed to the user in the page's content, it is visible (and can be edited) using any browser's developer tools or "View Source" functionality. Do not use hidden inputs as a form of security!

html <html> <body></body></html>
<h1>A Hidden Field (look in source code)</h1>
<pre><form action="/action_page.php"> <label for="fname">First name:</label> <input id="fname" name="fname" type="text"/> <input id="custId" name="custId" type="hidden" value="3487"/> <input type="submit" value="Submit"/> </form></pre>
<code> </code>

A Hidden Field (look in source code)

First name:

Submit

Note: The hidden field is not shown to the user, but the data is sent when the form is submitted.

```
# <input type="button">

% <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

% <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

% <input type="month">

% <input type="number">

# <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

# <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type Month

- The <input type="month"> allows the user to select a month and year.
- Depending on browser support, a date picker can show up in the input field.

Month Field

The input type="month" allows the user to select a month and year.

Birthday (month and year): Submit

Note: type="month" is not supported in Firefox, Safari, or Internet Explorer 11.

```
# <input type="button">

# <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

# <input type="number">

# <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

# <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type Number

- The <input type="number"> defines a numeric input field.
- You can also set restrictions on what numbers are accepted.
- The following example displays a numeric input field, where you can enter a value from 1 to 5:

Number Field

The input type="number" defines a numeric input field.

You can use the min and max attributes to add numeric restrictions in the input field:

Quantity (between 1 and 5): Submit

Description

<input type="button"> % <input type="checkbox"> % <input type="color"> # <input type="date"> # <input type="datetime-local"> % <input type="email"> # <input type="file"> # <input type="hidden"> # <input type="image"> % <input type="month"> % <input type="number"> % <input type="password"> % <input type="radio"> % <input type="range"> # <input type="reset"> % <input type="search"> # <input type="submit"> # <input type="tel"> # <input type="text"> # <input type="time"> # <input type="url"> # <input type="week">

Attribute

Input Type Number- Restrictions

Attribute	Description
checked	Specifies that an input field should be pre-selected when the page loads (for type="checkbox" or type="radio")
disabled	Specifies that an input field should be disabled
max	Specifies the maximum value for an input field
maxlength	Specifies the maximum number of character for an input field
min	Specifies the minimum value for an input field
pattern	Specifies a regular expression to check the input value against
readonly	Specifies that an input field is read only (cannot be changed)
required	Specifies that an input field is required (must be filled out)
size	Specifies the width (in characters) of an input field
step	Specifies the legal number intervals for an input field
value	Specifies the default value for an input field

<input type="button"> % <input type="checkbox"> % <input type="color"> # <input type="date"> # <input type="datetime-local"> # <input type="email"> # <input type="file"> # <input type="hidden"> # <input type="image"> # <input type="month"> % <input type="number"> # <input type="password"> % <input type="radio"> # <input type="range"> # <input type="reset"> # <input type="search"> # <input type="submit"> # <input type="tel"> # <input type="text"> # <input type="time"> # <input type="url"> # <input type="week">

Input Type Number- Example

Numeric Steps

Depending on browser support: Fixed steps will apply in the input field.

Quantity: 30 Submit

```
# <input type="button">

# <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

% <input type="number">

# <input type="password">

% <input type="radio">

% <input type="range">

# <input type="reset">

% <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type Range

• The <input type="range"> defines a control for entering a number whose exact value is not important (like a slider control). Default range is 0 to 100. However, you can set restrictions on what numbers are accepted with the min, max, and step attributes:

Range Field

Depending on browser support: The input type "range" can be displayed as a slider control.

Volume (between 0 and 50):

```
# <input type="button">

# <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

# <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

# <input type="number">

# <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

光 <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">
# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type Search

The <input type="search"> is used for search fields (a search field behaves like a regular text field).

Search Field

The input type="search" is used for search fields (behaves like a regular text field):

Search Google: Submit

```
# <input type="button">

# <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

% <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

# <input type="number">

# <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

# <input type="search">

# <input type="submit">

# <input type="tel">
# <input type="text">

# <input type="time">

# <input type="url">

# <input type="week">
```

Input Type Tel

The <input type="tel"> is used for input fields that should contain a telephone number.

Telephone Field

The input type="tel" is used for input fields that should contain a telephone number:

Enter a phone number:

123-45-678

Format: 123-45-678

Submit

<input type="button"> # <input type="checkbox"> % <input type="color"> # <input type="date"> # <input type="datetime-local"> # <input type="email"> # <input type="file"> <!DOCTYPE html> # <input type="hidden"> <html> <body> # <input type="image"> # <input type="month"> <h1>Show a Time Input Control</h1> # <input type="number"> The input type="time" allows the user to select a time (no time zone): % <input type="password"> % <input type="radio"> If the browser supports it, a time picker pops up when entering the input field. # <input type="range"> <form action="/action page.php"> # <input type="reset"> <label for="appt">Select a time:</label> <input type="time" id="appt" name="appt"> # <input type="search"> <input type="submit" value="Submit"> # <input type="submit"> </form> # <input type="tel"> Note: type="time" is not supported in Internet Explorer 11 or prior # <input type="text"> Safari 14.1. # <input type="time"> </body> # <input type="url"> </html> # <input type="week">

Input Type Time

- ✓ The <input type="time"> allows the user to select a time (no time zone).
- ✓ Depending on browser support, a time picker can show up in the input field.

Show a Time Input Control

The **input type="time"** allows the user to select a time (no time zone):

If the browser supports it, a time picker pops up when entering the input field.

Select a time: --:-- O Submit

Note: type="time" is not supported in Internet Explorer 11 or prior Safari 14.1.

```
# <input type="button">

# <input type="checkbox">

% <input type="color">

# <input type="date">

# <input type="datetime-local">

% <input type="email">

# <input type="file">

# <input type="hidden">

# <input type="image">

# <input type="month">

% <input type="number">

% <input type="password">

% <input type="radio">

# <input type="range">

# <input type="reset">

# <input type="search">

# <input type="submit">

# <input type="tel">

# <input type="text">

# <input type="time">

器 <input type="url">

# <input type="week">
```

Input Type Url

- The <input type="url"> is used for input fields that should contain a URL address.
- Depending on browser support, the url field can be automatically validated when submitted.
- Some smartphones recognize the url type and adds ".com" to the keyboard to match url input.

Display a URL Input Field

The input type="url" is used for input fields that should contain a URL address:

Add your homepage: Submit

```
# <input type="button">

                                                                         Input Type Week

# <input type="checkbox">

% <input type="color">

                                           The <input type="week"> allows the user to select a week and year.

# <input type="date">

                                             Depending on browser support, a date picker can show up in the input field.

# <input type="datetime-local">

% <input type="email">

# <input type="file">

                               <!DOCTYPE html>
                               <html>

# <input type="hidden">

                               <body>

# <input type="image">

                               <h1>Display a Week Input Control</h1>

# <input type="month">

# <input type="number">

                               The <strong>input type="week"</strong> allows the user to select a week and year.

% <input type="password">

                               If the browser supports it, a date picker pops up when entering the input field.

% <input type="radio">

# <input type="range">

                               <form action="/action page.php">

# <input type="reset">

                                 <label for="week">Select a week:</label>
                                 <input type="week" id="week" name="week">

# <input type="search">

                                 <input type="submit" value="Submit">

# <input type="submit">

                               </form>

# <input type="tel">

                               <strong>Note:</strong> type="week" is not supported in Firefox, Safari or Internet

# <input type="text">

                               Explorer 11.

# <input type="time">

# <input type="url">

                               </body>
                               </html>
# <input type="week">
```

Display a Week Input Control

The input type="week" allows the user to select a week and year.

If the browser supports it, a date picker pops up when entering the input field.

Select a week: Week --, ---- 📋 Submit

Note: type="week" is not supported in Firefox, Safari or Internet Explorer 11.

Designing HTML-Forms [Elements of the forms-Label]

❖ The <|abe|> element defines a label for several form elements.

- ❖ The <label> element is useful for screen-reader users, because the screen-reader will read out loud the label when the user focus on the input element.
- ❖ The for attribute of the <label> tag should be equal to the id attribute of the <input> element to bind them together.

Summary of the Today's Lesson

