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QUARTER

1

Computer Programming

Computer Programming (ICT) – Grade 11
Quarter 1 – Module 7: Interaction of the HTML Forms and Input Types
First Edition, 2020

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Computer Programming

11

QUARTER 1

MODULE 7

HTML Forms and Input Types

Introductory Message

For the Facilitator:

Welcome to the Computer Programming for the ICT Module on HTML Forms and Input Types!

This module was collaboratively designed, developed and reviewed by educators from Schools Division Office of Pasig City headed by its Officer-In-Charge Schools Division Superintendent, Ma. Evalou Concepcion A. Agustin in partnership with the Local Government of Pasig through its mayor, Honorable Victor Ma. Regis N. Sotto. The writers utilized the standards set by the K to 12 Curriculum using the Most Essential Learning Competencies (MELC) while overcoming their personal, social, and economic constraints in schooling.

This learning material hopes to engage the learners into guided and independent learning activities at their own pace and time. Further, this also aims to help learners acquire the needed 21st century skills especially the 5 Cs namely: Communication, Collaboration, Creativity, Critical Thinking and Character while taking into consideration their needs and circumstances.

In addition to the material in the main text, you will also see this box in the body of the module:

Notes to the Teacher

This contains helpful tips or strategies that will help you in guiding the learners.

As a facilitator you are expected to orient the learners on how to use this module. You also need to keep track of the learners' progress while allowing them to manage their own learning. Moreover, you are expected to encourage and assist the learners as they do the tasks included in the module.

For the Learner:

Welcome to the Computer Programming for the ICT Module on HTML Forms and Input Types!

The hand is one of the most symbolized part of the human body. It is often used to depict skill, action and purpose. Through our hands we may learn, create and accomplish. Hence, the hand in this learning resource signifies that you as a learner is capable and empowered to successfully achieve the relevant competencies and skills at your own pace and time. Your academic success lies in your own hands!

This module was designed to provide you with fun and meaningful opportunities for guided and independent learning at your own pace and time. You will be enabled to process the contents of the learning material while being an active learner.

This module has the following parts and corresponding icons:

Expectation - These are what you will be able to know after completing the lessons in the module

Pre-test - This will measure your prior knowledge and the concepts to be mastered throughout the lesson.

Recap - This section will measure what learnings and skills that you understand from the previous lesson.

Lesson- This section will discuss the topic for this module.

Activities - This is a set of activities you will perform.

Wrap Up- This section summarizes the concepts and applications of the lessons.

Valuing-this part will check the integration of values in the learning competency.

Post-test - This will measure how much you have learned from the entire module. Ito po ang parts ng module.

EXPECTATION

The students should be able to:

- understand HTML Forms.
- familiarize different HTML form input types.
- create HTML Forms using different input types.

PRE–TEST

Instruction: Select the letter that corresponds to the correct answer.

1. Input type that will show the output like the image bellow;

A. Number B. Password C. Search D. Text

2. Input type that contains number only.

A. Number B. Password C. Search D. Text

3. Input types that behaves like input type text.

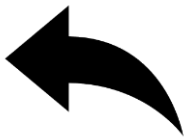
A. Number B. Password C. Search D. Text

4. Input type that specifies a date and time input field.

A. Datetime-local B. Password C. Search D. Text

5. Input type that has a default width of a text of 20 characters.

A. Datetime-local B. Password C. Search D. Text



RECAP

In module 6 we discussed HTML list, image and table. In your own words describe the following tag below;

- <ol>
- <ul>
- <li>
- <table>
- <tr>
- <td>

LESSON

HTML Forms

HTML Forms provide the person viewing the document with dynamic information also to collect different information from the person viewing it, and process the information.

The <form> tag

This tag is used to create html forms. It is also used to collect user input.

```
<form>
…
form elements
…
</form>
```

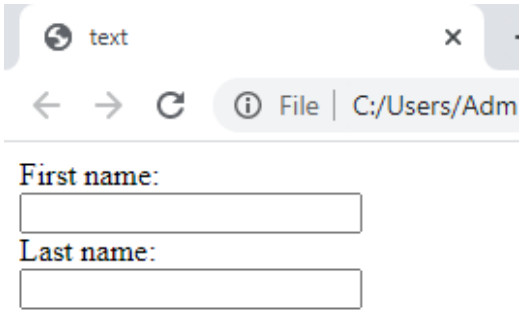
It also contains form elements. Form element are different types of input elements, like text fields, radio buttons, submit buttons, and more.

<input type="">

It is the most commonly used in form element. This specifies the input type to display. Depending on the type attribute it can be displayed in several ways.

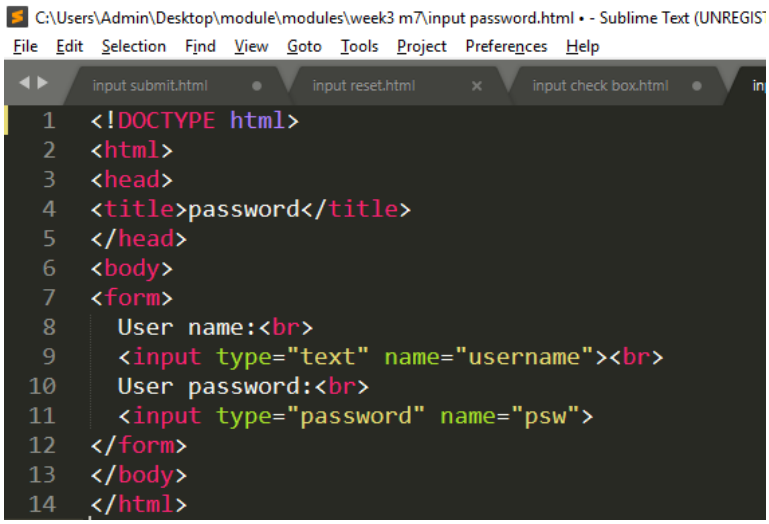
Text Input <input type="text"> - defines a one-line input field for text input. The default width of a text is 20 characters.

Example: Ouput:



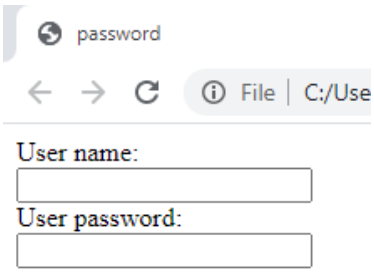
Input Type Password <input type="password"> - defines a password field.

Example:

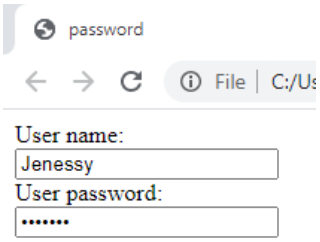


Output:

Without user input:



With user input:

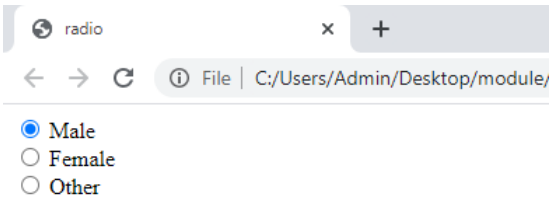


Radio Button Input <input type="radio"> - defines a radio button. It let a user select ONE of a limited number of choices.

Example:

```
<!DOCTYPE html>
<html>
<head>
<title>radio</title>
</head>
<body>
<form>
  <input type="radio" name="gender" value="male" checked> Male<br>
  <input type="radio" name="gender" value="female"> Female<br>
  <input type="radio" name="gender" value="other"> Other
</form>
</body>
</html>
```

Output:

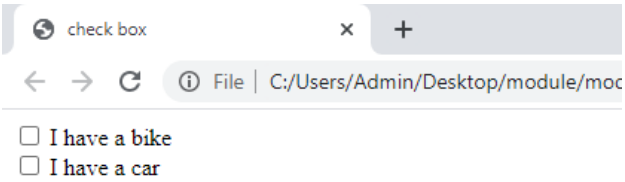


Input Type Checkbox <input type="checkbox"> - defines a checkbox. Checkboxes let a user select zero or more options of a limited number of choices.

Example:

```
<!DOCTYPE html>
<html>
<head>
<title>check box</title>
</head>
<body>
<form>
  <input type="checkbox" name="vehicle1" value="Bike"> I have a bike<br>
  <input type="checkbox" name="vehicle2" value="Car"> I have a car
</form>
</body>
</html>
```

Output:



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

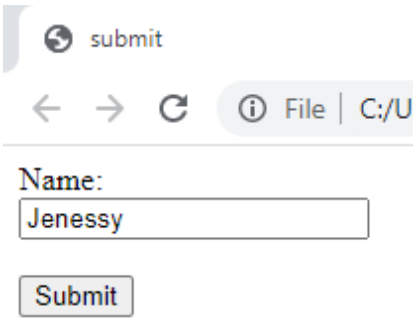
Example: Output:

C:\Users\Admin\Desktop\module\modules\week3 m7\input submit.html • - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

input submit.html • input reset.html ×

```
<!DOCTYPE html>
<html>
<head>
<title>submit</title>
</head>
<body>
<form action="/action_page.php">
  Name:<br>
  <input type="text" name="name" value="Jenessy"><br>
  <br>
  <input type="submit" value="Submit">
</form>
</body>
</html>
```



Input Type Reset <input type="reset"> - defines a reset button. It will reset all form values to their default values.

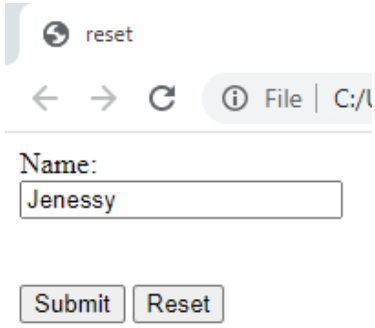
Example: Output:

C:\Users\Admin\Desktop\module\modules\week3 m7\input reset.html - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

input submit.html × input reset.html ×

```
<!DOCTYPE html>
<html>
<head>
<title>reset</title>
</head>
<body>
<form action="/action_page.php">
  Name:<br>
  <input type="text" name="name" value="Jenessy"><br>
  <br>
  <br>
  <input type="submit" value="Submit">
  <input type="reset">
</form>
</body>
</html>
```



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

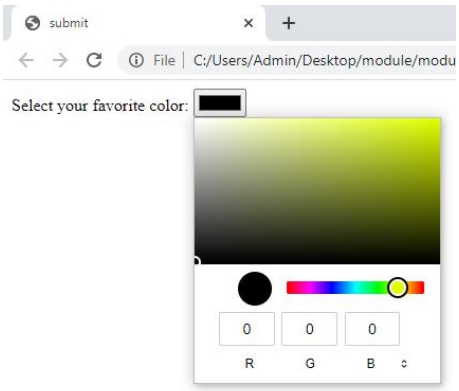
Example: Output: (using Google Chrome browser)

C:\Users\Admin\Desktop\module\modules\week3 m7\input color.html - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

input submit.html | input color.html

```
<!DOCTYPE html>
<html>
<head>
<title>color</title>
</head>
<body>
<form>
  Select your favorite color:
  <input type="color" name="favcolor">
</form>
</body>
</html>
```



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

Example:

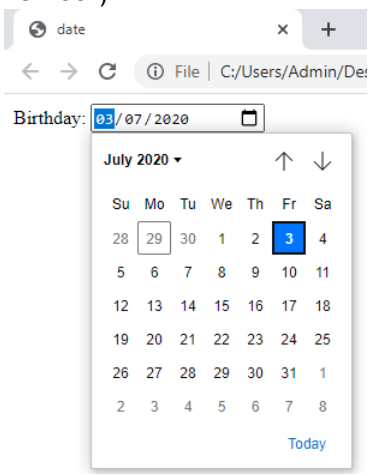
C:\Users\Admin\Desktop\module\modules\week3 m7\input date.html • - Sublime Text (UNRI

File Edit Selection Find View Goto Tools Project Preferences Help

input date.html

```
<!DOCTYPE html>
<html>
<head>
<title>date</title>
</head>
<body>
<form>
  Birthday:
  <input type="date" name="bday">
</form>
</body>
</html>
```

Output: (using Google Chrome browser)



Input Type Datetime-local <input type="datetime-local"> - specifies a date and time input field (Depending on browser support, a date picker can show up in the input field).

Example:

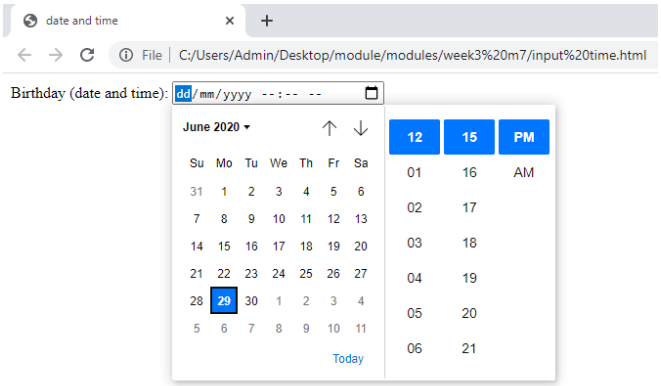
C:\Users\Admin\Desktop\module\modules\week3 m7\input time.html - Sublime Text (UNREGISTERED)

File Edit Selection Find View Goto Tools Project Preferences Help

input time.html

```
<!DOCTYPE html>
<html>
<head>
<title>date and time</title>
</head>
<body>
<form>
  Birthday (date and time):
  <input type="datetime-local" name="bdaytime">
</form>
</body>
</html>
```

Output: (using Google Chrome browser)



Input Type Email <input type="email"> - is used for input fields that should contain an e-mail address (Depending on browser support, the e-mail address can be automatically validated when submitted).

Example:

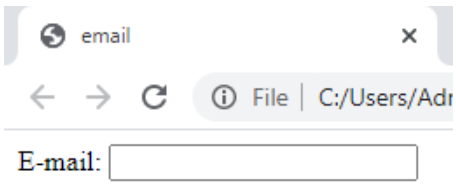
C:\Users\Admin\Desktop\module\modules\week3 m7\input email.html - Sublime Text (UNRE

File Edit Selection Find View Goto Tools Project Preferences Help

input email.html

```
<!DOCTYPE html>
<html>
<head>
<title>email</title>
</head>
<body>
<form>
  E-mail:
  <input type="email" name="email">
</form>
</body>
</html>
```

Output: (using Google Chrome browser)



Input Type Month <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).

Example:

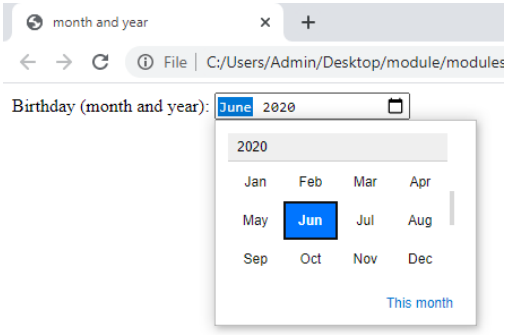
C:\Users\Admin\Desktop\module\modules\week3 m7\input month year.html - Sublime Tex

File Edit Selection Find View Goto Tools Project Preferences Help

input month year.html

```
<!DOCTYPE html>
<html>
<head>
<title>month and year</title>
</head>
<body>
<form>
  Birthday (month and year):
  <input type="month" name="bdaymonth">
</form>
</body>
</html>
```

Output: (using Google Chrome browser)

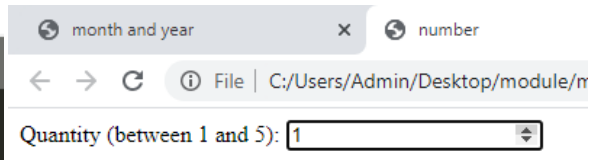


Input Type Number <input type="number"> - defines a numeric input field.

Example:

```
<!DOCTYPE html>
<html>
<head>
<title>number</title>
</head>
<body>
<form>
  Quantity (between 1 and 5):
  <input type="number">
</form>
</body>
</html>
```

Output:

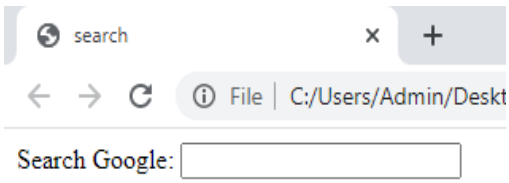


Input Type Search <input type="search"> - it is used for search fields it's behave like a regular text field.

Example:

```
<!DOCTYPE html>
<html>
<head>
<title>search</title>
</head>
<body>
<form>
  Search Google:
  <input type="search" name="search">
</form>
</body>
</html>
```

Output:



Input Type Time <input type="time"> - allows the user to select a time (Depending on browser support, a time picker can show up in the input field).

Example:

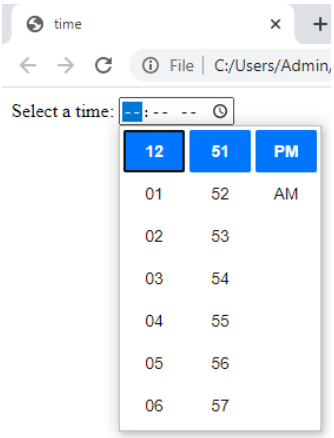
Output: Output: (using Google Chrome browser)

C:\Users\Admin\Desktop\module\modules\week3 m7\time only.html - Sublime Text (UNREG

File Edit Selection Find View Goto Tools Project Preferences Help

time only.html

```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>time</title>
5  </head>
6  <body>
7  <form>
8    Select a time:
9    <input type="time" name="usr_time">
10 </form>
11 </body>
12 </html>
13
```



Input Type Url <input type="url"> - it is used for input fields that should contain a URL address (Depending on browser support, the url field can be automatically validated when submitted).

Example:

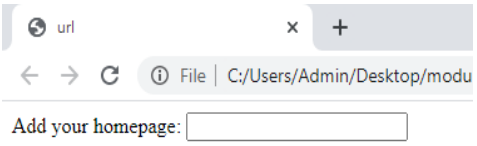
Output: Output: (using Google Chrome browser)

C:\Users\Admin\Desktop\module\modules\week3 m7\input url.html - Sublime Tex

File Edit Selection Find View Goto Tools Project Preferences Help

input url.html

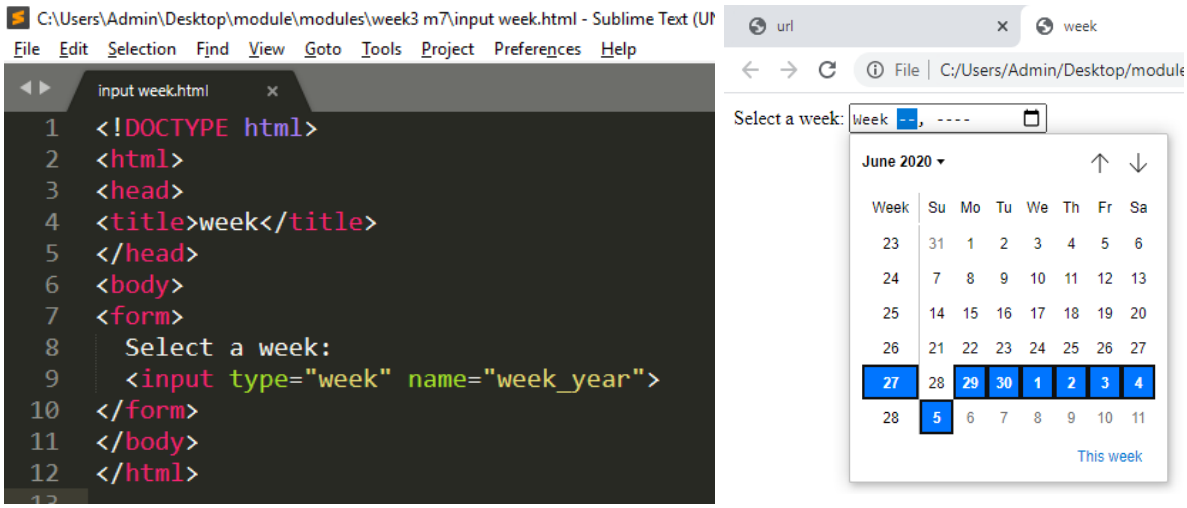
```
1  <!DOCTYPE html>
2  <html>
3  <head>
4  <title>url</title>
5  </head>
6  <body>
7  <form>
8    Add your homepage:
9    <input type="url" name="homepage">
10 </form>
11 </body>
12 </html>
```



Input Type Week <input type="week"> - allows the user to select a week and year (Depending on browser support, a date picker can show up in the input field).

Example:

Output: Output: (using Google Chrome browser)



Note: The **name** attributes define as the name of variable specified in the input field.

ACTIVITIES

Using sublime application create an enrollment form and use at least ten input types. Use google chrome in viewing the output.

Rubrics:

	Needs work	Developing	Meets Standard	Score
Content	Information is not appropriate to the project.	Some of information is not appropriate to the project.	All informations are appropriate to the project.	
	10	15	20	
Code	There are 4 and more coding errors.	There are 1-3 coding errors.	There are no errors.	
	10	20	30	
Visual Design	There are 1 to 4 input types.	There are 5 to 9 input types.	There are ten or more input types.	
	10	15	20	
			Total	**/50**

*Answer the Worksheet number 7-1 and submit the soft copy of your completed activity to our group messenger.

WRAP–UP

This module discussed html form and different input types. In your own words describe the use of each input types in one sentence.

1. <input type=”text”>
2. <input type=”password”>
3. <input type=”radio”>
4. <input type=”checkbox”>
5. <input type=”submit”>
6. <input type=”search”>
7. <input type=”reset”>
8. <input type=”date”>
9. <input type=”color”>
10. <input type=”datetime-local”>
11. <input type=”email”>
12. <input type=”month”>
13. <input type=”time”>
14. <input type=”url”>
15. <input type=”week”>

VALUING

Instructions: Read and answer the following questions carefully in two to three sentences each number.

1. What do you think are the importance of knowing HTML Forms and its different input types?

   _____
   _____
   _____
   _____
   _____
   _____

2. How will you use the knowledge you acquired about HTML Forms Input type?

   _____
   _____
   _____

_____

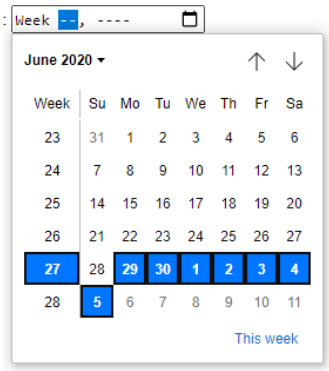
_____

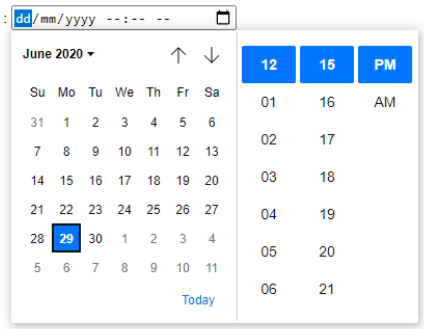
_____

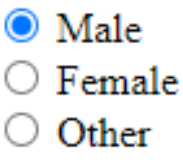
POST TEST

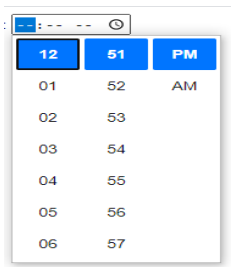
Instructions: Identify what input type is use in the following output and select the letter that corresponds to the correct answer.

Choices (1 to 5): A. Week B. Datetime-local C. Radio D. Submit

_____ 1. 

_____2. 

_____3. 

_____4. 

Submit

_____5.

KEY TO CORRECTION

Post-test:	Pre-test:
1. A	1. B
2. B	2. A
3. C	3. C
4. A	4. A
5. D	5. D

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