

Technical Vocational Livelihood

11

QUARTER

2

Computer Programming



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Computer Programming (ICT) – Grade 11

TECHNICAL VOCATIONAL LIVELIHOOD



Quarter 2 – Module 5 CSS Pagination First Edition, 2020

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Computer Programming

11

Quarter 2

Self Learning Module 5

CSS Pagination

Writer: Jenessy Joy T. Pinga

Editors: Ma. Lerma I. Cantanero

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Introductory Message

For the Facilitator:

Welcome to the Computer Programming for the ICT Module on CSS Pagination!

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.

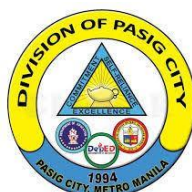
In addition to the material in the main text, you will also see this box in the body of the module:



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 CSS Pagination!

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

At the end of the module the learner is expected to:

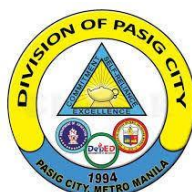
1. understand CSS Pagination.
2. perform and apply the use of CSS button.
3. cite the importance of CSS Pagination.

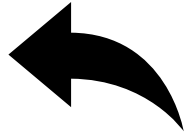


PRE-TEST

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

1. Syntax for giving border in designing pagination.
 - A. border: 1px solid #ddd;
 - B. pagination-border: 1px solid #ddd;
 - C. border:" 1px solid #ddd";
 - D. pagination-border:" 1px solid #ddd";
2. To center the pagination, wrap a container element around it with what property?
 - A. border-radius
 - B. list-style
 - C. transition
 - D. text-align
3. A property used to add borders to the pagination.
 - A. pagination-border
 - B. border-pagination
 - C. border-page
 - D. border
4. Syntax for changing size of pagination.
 - A. page-font-size: 30px;
 - B. font-size-page: "30px";
 - C. font-size: 30px;
 - D. font-size: "30px";
5. Syntax for adding margin to a pagination.
 - A. margin: 0 4px;
 - B. margin:" 0 4px";
 - C. p-margin: 0 4px;
 - D. margin-p: 0 4px;





RECAP

Module 4 discussed CSS buttons. Based on what have you learned from module 4, describe the use off the following:

- background-color
- font-size
- Padding
- border-radius
- Border
- transition-duration
- box-shadow
- cursor
- Width
- display: block
- float: left



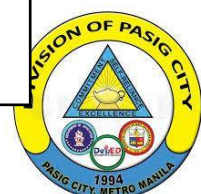
LESSON

CSS Pagination

Pagination is the process of distributing a document into separate pages.

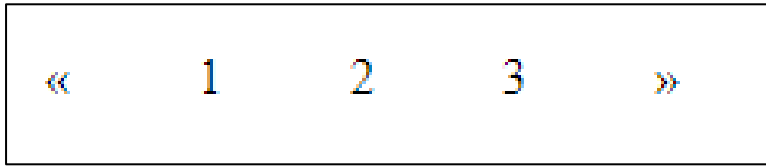
Example:

```
<!DOCTYPE html>
<html>
<head>
<style>
.pagination {
  display: inline-block;}
.pagination a {
  color: black;
  float: left;
  padding: 10px 20px;
  text-decoration: none;}
</style>
</head>
<body>
<div class="pagination">
  <a href="...">&laquo;</a>
  <a href="...">1</a>
  <a href="...">2</a>
  <a href="...">3</a>
  <a href="...">&raquo;</a>
</div>
</body>
</html>
```



« this means a sign of << while » means a sign of >>.

Output: (try it with your PC to see what happens)



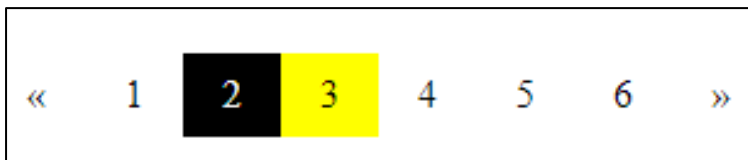
Active and Hoverable Pagination

It highlight the current page with an **.active** class, and use the **:hover** selector to change the color of each page link when pointing them.

Example:

```
.pagination a.active {  
    background-color: black;  
    color: white;}  
.pagination a:hover:not(.active) {background-color: yellow;}
```

Output: (try it with your PC to see what happens)



In this example page 2 with black background is the current page while page 3 with yellow background is where the cursor or mouse is pointing.

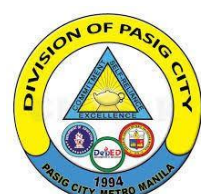
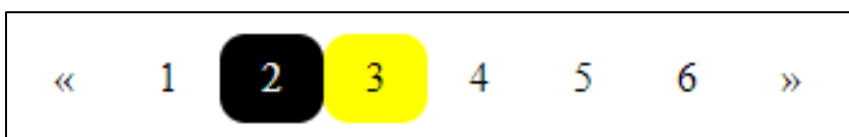
Rounded Active and Hoverable Buttons

Use border-radius property if you a rounded "active" and "hover" background.

Example:

```
.pagination a.active {  
    background-color: black;  
    color: white;  
    border-radius: 10px;}  
.pagination a:hover:not(.active) {  
    background-color: yellow;  
    border-radius: 10px;}
```

Output: (try it with your PC to see what happens)



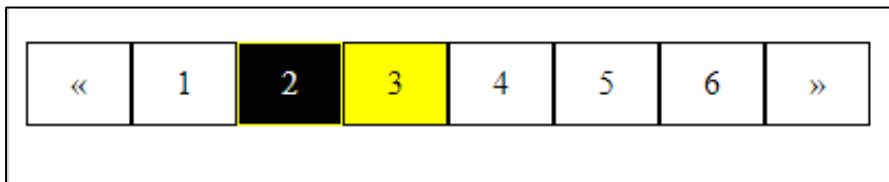
Bordered Pagination

Use the border property to add borders to the pagination.

Example:

```
.pagination a {  
    color: black;  
    float: left;  
    padding: 10px 20px;  
    text-decoration: none;  
    border: 1px solid black;}  
.pagination a.active {  
    background-color: black;  
    color: white;  
    border: 1px solid yellow;}  
.pagination a:hover:not(.active) {background-color: yellow;}
```

Output: (try it with your PC to see what happens)

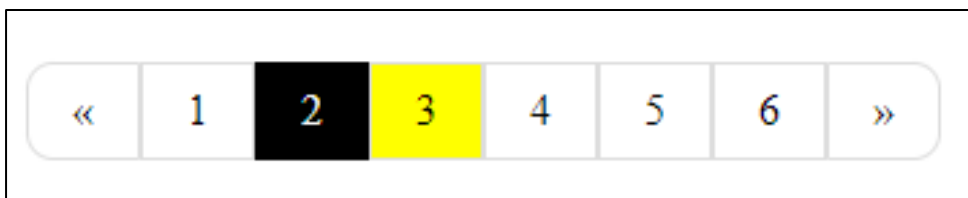


Rounded Borders

Example:

```
.pagination a:first-child {  
    border-top-left-radius: 10px;  
    border-bottom-left-radius: 10px;}  
.pagination a:last-child {  
    border-top-right-radius: 10px;  
    border-bottom-right-radius: 10px;}
```

Output: (try it with your PC to see what happens)



Space Between Links

To add space between page link use margin property.

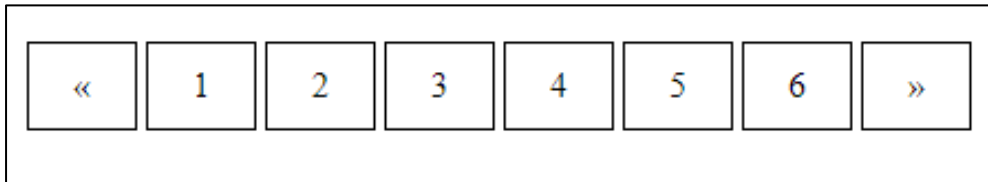
Example:

```
.pagination a {  
    color: black;
```



```
float: left;
padding: 10px 20px;
text-decoration: none;
border: 1px solid black;
margin: 0 2px;}
```

Output: (try it with your PC to see what happens)



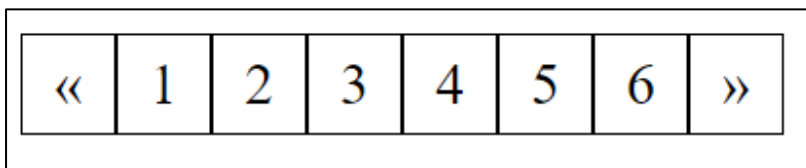
Pagination Size

Use font-size property to change the size of pagination.

Example:

```
.pagination a {
  color: black;
  float: left;
  padding: 8px 16px;
  text-decoration: none;
  border: 1px solid black;
  font-size: 30px;}
```

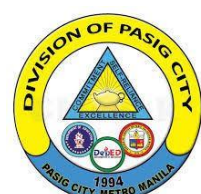
Output: (try it with your PC to see what happens)

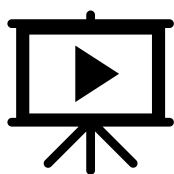


To center the pagination, wrap a container element like <div> around it with **text-align:center.**

Example:

```
.center {
  text-align: center;}
```





ACTIVITIES

DIRECTIONS: Create a website about ICT that has the following requirements;

1. 3 pages or more.
2. Each page has pagination.
3. Pagination should have the following property:
 - background-color
 - text-align
 - Padding
 - border-radius
 - color
 - float
 - padding
 - text-decoration
 - border
 - margin
4. Pagination should have .active class and :hover selector.

Rubrics:

	Needs work	Developing	Meets Standard	Score
Content (Good content should be relevant)	Information is not always clear or correct. The theme or main idea of the Web page is more or less clear but does not relate to the purpose or theme of the project.	Information is clear and correct. The theme or main idea of the Web page is more or less clear and related to the purpose or theme of the project	The content has accurate and useful information. The theme or main idea of the Web page is clear and related to the purpose or theme of the project.	
	15	20	25	
Visual Design (Appearance)	Background, text format and color usage are randomly chosen with few consistent elements throughout.	Background, text format and color usage are somewhat consistent with little inappropriate variation.	Background, text format, and color usage are carefully chosen to produce a consistent screen layout for all your pages	
	15	20	25	



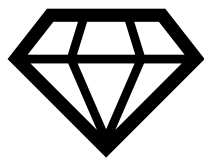
Structure and Navigation (Good navigation gets you where you want to go quickly)	Site is difficult to navigate.	Site is sometimes difficult to navigate.	Readers can get around your website with ease.	
	15	20	25	
Innovation (The idea is new, or merely iterating on a previous idea)	Website has no unique style.	Some of the page has unique style.	Website has a unique style.	
	15	20	25	
Total				/100

*Answer the Worksheet number 5 and submit a soft copy/hard copy of your completed activity to your subject teacher on the following meeting.



WRAP-UP

DIRECTIONS: Based on how you understood the lesson, describe the use of pagination.

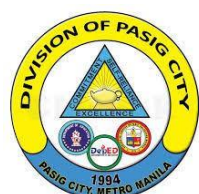


VALUING

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

1. What do think is the importance of using CSS pagination?

2. How will you use the knowledge you acquired in this module?

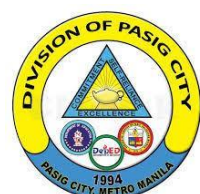




POST TEST

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

1. A property used to add spaces between page link.”.
 - A. margin
 - B. font-size
 - C. padding
 - D. border
2. A property that used to change size of pagination.
 - A. margin
 - B. font-size
 - C. padding
 - D. border
3. A property that used to align the pagination to center.
 - A. float
 - B. center
 - C. page-align
 - D. text-align
4. A property that can have a value of “left”.
 - A. float
 - B. center
 - C. margin
 - D. padding
5. To add background color for current page add background-color property inside this element.
 - A. .active
 - B. :hover
 - C. .pagination
 - D. :page





KEY TO CORRECTION

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

REFERENCES

- Accessed September 18, 2020 11:00Am <https://www.w3schools.com>
- Accessed September 18, 2020 1:30pm <https://www.tutorialrepublic.com>
- Accessed September 18, 2020 2:00pm [Whatis.techtarget.com](https://www.whatis.techtarget.com)

