

# Department of Education Region III

#### SCHOOLS DIVISION OFFICE OF NUEVA ECIJA

## LEARNING ACTIVITY SHEET SPECIAL PROGRAM IN ICT WEB DESIGN 9

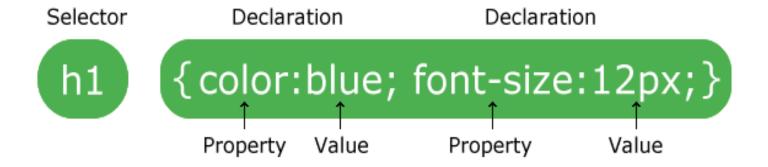
Fourth Quarter, Week 3

Name of Learner:		
Grade Level /Section: _	Date:	

## **CSS SELECTORS**

### BACKGROUND INFORMATION FOR LEARNERS

- Internal CSS may be used if one single page has a unique style.
- Internal CSS are defined within the <style> and </style> tags, inside the <head> section of an HTML page.
- A CSS rule-set should be followed when using Internal CSS.
- A CSS rule-set consists of a selector and a declaration block.
- The selector points to the HTML element you want to style.
- The declaration block contains one or more declarations separated by semicolons.
- A CSS declaration always ends with a semicolon, and declaration blocks are surrounded by curly braces.



CSS Selectors are used to find HTML elements based on their element name, id, class, and attribute.

## **ELEMENT SELECTOR**

The **element selector** selects elements based on the element name.

```
<!DOCTYPE html>
2
           <title> Internal CSS </title>
           <style type="text/css">
               p {text-align: center; font-size: 16px; color: red;}
               h1 {text-align: center; font-family: Calibri; color: dodgerblue}
       </head>
10
       <body>
11
           <h1> This is a heading </h1>
           <h2> This is another heading </h2>
12
13
            This is a paragraph 
            This is another paragraph 
14
       </body>
15
   </html>
16
```

#### **ID SELECTOR**

The **id selector** uses the id attribute of an HTML element to select a specific element. The id of an element should be unique within a page, so the id selector is used to select one unique element. To select an element with specific id, **write a hash character** (#), followed by the id of the element. An id name cannot start with a number.

```
<!DOCTYPE html>
   <html>
           <title> Internal CSS </title>
           <style type="text/css">
               #para1 {text-align: center; font-size: 16px; color: red}
               #<u>header1</u> {text-align: center; font-family: Calibri; color: dodgerblue}
10
       <body>
           <h1 id="header1"> This is a heading </h1>
11
           <h1> This is another header </h1>
12
            This is a paragraph 
13
14
           This is another paragraph 
       </body>
15
```

#### **CLASS SELECTOR**

The **class selector** selects elements with a specific class attribute. To select elements with a specific class, **write a period** (.) **character**, followed by the name of the class. A class name cannot start with a number. HTML elements can also refer to more than one class.

```
<!DOCTYPE html>
 2
   <html>
       <head>
 4
           <title> Internal CSS </title>
           <style type="text/css">
              .center {text-align: center;}
 6
               .red {color: red; font-family: Calibri; font-size: 2em}
           </style>
9
       </head>
10
           <h1 class="center"> This is a centered heading </h1>
11
           <h1 class="red center"> This is a red centered heading </h1>
12
            This is a centered red paragraph 
13
           class="red"> This is a red paragraph 
14
15
       </body>
16 </html>
```

#### **GROUPING SELECTOR**

**Grouping selectors** will be ideal if you have elements with the same style definitions. Grouping selectors will help minimize the length of the code. To group selectors, separate each selector with a **comma**.

Element selector

Grouping selector

### LEARNING COMPETENCY

Use Internal CSS selectors.

#### **ACTIVITY 1**

Try to edit the following html below by using any of the Internal CSS selectors.

#### **ACTIVITY 2**

Match the words in Column A with its definition in Column B. Write the letter of your answer in a one whole sheet of paper.

- 1. This selector helps you minimize the length of the code.
- 2. Location of internal CSS style tags
- 3. Selects elements based on element name
- 4. Hash (#) character
- 5. Period (.) character

- A. ID selector
- B. Grouping selector
- C. Class selector
- D. Element selector
- E. Body
- F. Head

**REFLECTION:** Write your answer in one whole sheet of paper

1. How does internal CSS help you in creating web page?

#### **REFERENCES**

Module 8: Using Internal CSS by Alexander S. Cochanco, MSIT https://www.w3schools.com/css/css\_text.asp

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