

## Practice Exercise

### Review Questions

1. Class is specified by including a period\_\_\_\_\_before the selector name.
2. The syntax for declaring a Class selector is\_\_\_\_\_.
3. You can use the same class on multiple elements.( True / False )\_\_\_\_\_.
4. You can use multiple classes on the same element.(True / False)\_\_\_\_\_.
5. ID is specified by\_\_\_\_\_before the selector name.
6. The syntax for declaring an ID selector is\_\_\_\_\_.
7. Each element can have only one ID.(True / False)\_\_\_\_\_.
8. Each page can have only one element with that ID.(True / False)\_\_\_\_\_.
9. .para represents\_\_\_\_\_.
10. #para represents\_\_\_\_\_.
11. The difference between ID and class is that an ID selector can be called only once in a document, while a class selector can be called multiple times in a document.(True / False)\_\_\_\_\_.
12. Which selectors are used when you want to redefine the general look for an entire HTML tag?\_\_\_\_\_.
13. Which selectors are used when you want to define a style that does not redefine an HTML tag entirely?\_\_\_\_\_.
14. <DIV> is what kind of tag ?\_\_\_\_\_.
15. When referring to a Class selector you simply add the class to what?\_\_\_\_\_.
16. Selectors that will share some of the same styles can be\_\_\_\_\_.

## Exercises

- Write the expected output, or compiler errors if any, for each of the following programs in the box provided below each program.
- Then execute the programs and check your answers.
- Then answer the questions given below.

### program 1

```
1 <h1 class = ‘‘something’’>Read books , take notes and study</h1>
2 <p class = ‘‘something’’>Read , read , read</p>
3 <p>But spend more time hacking , hacking , hacking</p>
4 <p class = ‘‘something’’>This is</p>
5 <p>the story of a girl</p>
```

**Q1:** Color all page elements with the class “something” **red** in the above HTML snippet?

**Q2:** Color the <p> tag with the class “something” **blue** in the above HTML snippet?

**Q3:** Color all the <p> tags in the above html snippet **green**?

### Program 2

```
1 <h5 id = ‘‘bling’’>Assets</h5>
2 <p>Liabilities</p>
3 <strong class = ‘‘meaning-of-life’’>Equity</strong>
4 <h5>Current assets</h5>
5 <strong>Quick ratio</strong>
6 <p id = ‘‘blah’’>This is something</p>
7 <p>I like Ethiopian food</p>
```

**Q1:** Color the element with the id tag of “blah” **red** in the above HTML snippet?

**Q2:** Style the “bling” id, <p> tag, and “meaning-of-life” class to be **blue** in the above HTML snippet?

**Q3:** Color all the `<p>` tags in the above html snippet **green**?

**Program 3**

```
1 <html>
2   <head>
3     <title>Keesha</title>
4   </head>
5   <body>
6     <h1>Tik Tok</h1>
7     <p>I like <strong>mango</strong> and
8     <strong>drink</strong> </p>
9   </body>
10 </html>
```

**Q1:** Identify the children elements of the `<body>` tag?

**Q2:** Identify the children elements of the `<p>` tag?

**Q3:** Identify the parent of the `<h1>` tag?

**Q4:** Identify the siblings of the `<head>` tag?

**Program 4**

```
1 <div class = ‘‘something’’>
2   <p>In Jersey , we are <strong>STRONG</strong> </p>
3   <p>In US, we have <strong>strong</strong> personalities </p>
4 </div>
5 <p>In Ireland , we have a <strong>strong</strong> will</p>
6 <h1>Tik Tok <strong>Great songs!</strong></h1>
```

**Q1:** Color the text in the `<strong>` tags contained in the `.something` class **red**, but do not color the other `<strong>` tags?

**Q2:** Color the text “Great songs!” **red** in the above HTML snippet?

**Q3:** Increase the font size of all the `<p>` tags?

**Q4:** Apply the font family for all the tags in the above HTML snippet using CSS?

#### Program 5

```
1 <a href = ‘‘http://www.talentsprint.com/WISE’’>Modules</a>
```

**Q1:** Color the above link **red** if the user has not visited it yet?

**Q2:** Color the above link **green** if the user has already visited it?

**Q3:** Color the above link **pink** if the user has the mouse over the link?

**Q4:** Make the background color **blue** when a use clicks on a link?

#### Program 6

```
1 <ul class = ‘‘majors’’>
2     <li>Math</li>
3     <li>Bio</li>
4     <li>Chemistry</li>
5 </ul>
```

**Q1:** Color the math majors **green**, but don't color the other <li>s?

**Q2:** Color the chemistry <li> **red**, but don't color the other <li>s?

#### Program 7

```
1 hl.highlight {
2     background: yellow;
3     color: #000;
4 }
5 #content p {
6 }
7 #footer p {
8 }
```

**Q1:** What would the html tag look like for the above CSS snippet to be applied?

**Q2:** Why would we use the above two **p** selectors?

**Q3:** Apply the font style for all the selectors in the above CSS snippet?

### **Additional Exercises**

1. Apply the style for a selector within a selector.
2. Write HTML and CSS code to assign multiple classes to an element and also apply the style for them?
3. Write HTML and CSS code to describe Grouping selectors.