

Refer to the code given below and choose the correct option for the background color that will be applied to the <h1> element?

```
1  <head>
2    <title>CSS Specificity</title>
3    <style>
4      .intro {
5        background-color: blue;
6      }
7      #main {
8        background-color: brown;
9      }
10     h1{
11       background-color: yellow;
12     }
13   </style>
14 </head>
15 <body>
16   <h1 id="main" class="intro">
17     Main Heading
18   </h1>
19   <p class="intro">
20     Paragraph content goes here
21   </p>
22 </body>
```

- ☐ yellow
- ☐ blue
- ☐ brown
- ☐ white

Write CSS code for the given HTML code to style only the paragraph inside the main section preferably with the ID selector to set the font color to green.

```
1 <body>
2 <main id="content">
3   <h1>Hello!</h1>
4   <p>
5     Paragraph text content begins here.
6   </p>
7 </main>
8 <footer>
9   <p>
10    Footer content goes here.
11  </p>
12 </footer>
13 </body>
```

☐

```
1 #content p{
2   color:green;
3 }
```

☐

```
1 #content p{
2   font-color:green;
3 }
```

☐

```
1 #content{
2   color:green;
3 }
```

☐

```
1 p{
2   color:green;
3 }
```

Refer to the comment in the code block given below. Provide correct HTML code to display the image in the web page and some text content if the image cannot be loaded.

```
1 <body>
2 <h2>Profile Image</h2>
3 <!-- Code for adding an image located at images/profile.jpg path-->
4 </body>
```



```
1 <image src="images/profile.jpg" width="400px" height="400px" alt="profile image">
```



```
1 
```



```
1 
```



```
1 <img herf="images/profile.jpg" width="400px" height="400px" alt="profile image">
```

Write CSS code to add green border at the bottom of the <h1> element for the given HTML code below. The border should be visible only for the width of the text displayed preferably using border shorthand properties.

```
1 | <h1> Save Nature - Save World</h1>
```



```
1 | h1{  
2 |   border-bottom: green;  
3 |   width:30px;  
4 | }
```



```
1 | h1{  
2 |   bottom-border: 2px solid green;  
3 |   width:30%;  
4 | }
```



```
1 | h1{  
2 |   border-bottom: 2px solid green;  
3 |   width:30%;  
4 | }
```



```
1 | h1{  
2 |   border: solid green;  
3 |   width:30%;  
4 | }
```

ARIA stands for _____

- ☐ Accessible Rich Information Applications
- ☐ Accessible Rich Internet Applications
- ☐ Accessible Rapid Internet Applications
- ☐ Approachable Rich Internet Applications

Fill in the blanks. _____ elements are used to improve web page _____ since these defines the role of the content clearly.

☐ HTML, Search Engine Optimization

☐ HTML, Screen Engine Organization

☒ Semantic, Search Engine Optimzation

☐ Sematic, Screen Engine Optimization

The code given below generates the expected output. However, it is invalid according to the W3C markup validation service. Identify the error.

```
1 <body>
2 <main>
3   <h1 id="intro">
4     Main Heading
5   </h1>
6   <h2 class="sub">
7     Sub Heading
8   </h2>
9   <p id="intro" class="sub">
10    Paragraph content goes here
11  </p>
12 </main>
13 </body>
```

- ☒ The value for ID attribute should be unique. Same value "intro" is given to both "h1" and "p" elements.
- ☐ The value for class attribute should be unique. Same value "sub" is given to both "h2" and "p" elements.
- ☐ Both id and class attributes cannot be provided to the same "p" element
- ☐ The element "main" is not allowed as child element of "body"

Statement A: According to W3C HTML validator, for element, both "src" and "alt" are required attributes. Statement B: The text value specified for "alt" attribute will be displayed only when the image is not loaded in the screen.

- ☐ Statement A is true, but Statement B is false
- ☒ Statement A is false, but Statement B is true
- ☐ Both statements are true
- ☐ Both statements are false

The HTML code given below renders list of items. Write CSS code to style the list items so that the items are displayed horizontally without bullets.

```
1 <ul>
2     <li>Mango</li>
3     <li>Apple</li>
4     <li>Banana</li>
5 </ul>
```

☐

```
1 li {
2     display: inline;
3     list-style-type: none;
4 }
```

☐

```
1 ul {
2     display: inline;
3     list-style-type: none;
4 }
```

☐

```
1 ul {
2     display: inline;
3     list-type: none;
4 }
```

☐

```
1 li {
2     display: inline;
3     list-type: none;
4 }
```

Which of the following are true regarding aria-label?

- 1 A) Provides an invisible label where a visible label cannot be used.
- 2 B) It affects how the element is displayed in browser.
- 3 C) It provides an extra information to the screen readers.
- 4 D) ARIA stands for Accessible Rich Internet Applications

- ☐ Option A, Option B and Option D
- ☐ Option A, Option C and Option D
- ☐ Option A and Option C
- ☐ Option C and Option D

The code given below generates the expected output of displaying definition lists. However, it is invalid according to the W3C markup validation service. Identify the error.

```
1 <body>
2   <dt>Name</dt>
3   <dd>Godzilla</dd>
4   <dt>Born</dt>
5   <dd>1952</dd>
6   <dt>Birthplace</dt>
7   <dd>Japan</dd>
8   <dt>Color</dt>
9   <dd>Green</dd>
10 </body>
```

- ☐ 1 | <dt> and <dd> elements should be enclosed inside <def-list> parent element
- ☐ 1 | <dt> and <dd> elements should be enclosed inside parent element
- ☐ 1 | <dt> and <dd> elements should be enclosed inside <dl> parent element
- ☐ 1 | <dt> and <dd> elements should be enclosed inside parent element

Which HTML element is used to link the external stylesheet file with the HTML document?

- ☐ 1 | `<a>`
- ☐ 1 | `<style>`
- ☐ 1 | `<link-style>`
- ☒ 1 | `<link>`

Write CSS code to apply padding of 10px right and 10px left using shorthand properties

☐

```
1 | padding-left-right:10px;
```

☐

```
1 | padding: 10px 10px 0 0;
```

☐

```
1 | padding-left: 10px;  
2 | padding-right: 10px;
```

☐

```
1 | padding: 0 10px;
```