



Information Technology Department
2nd Year



جامعة برج العرب التكنولوجية
BORG AL ARAB TECHNOLOGICAL UNIVERSITY

كلية تكنولوجيا الصناعة والطاقة

جامعة برج العرب التكنولوجية

Course: web development Semester: 1 st term 2025/2026.	Lecturers: Assoc. Prof. Dr. Ashraf <u>Abdelaziz Taha</u>
Web development 1	

Answer the following questions:

1. Ask the user to write a CSS class `.nav-item` that:

- Makes list items appear next to each other in one horizontal line
- Adds 10px padding inside and 8px margin between items
- Gives them a background color and white text color

```
.nav-item {  
    display: inline;  
    padding: 10px;  
    margin: 0 8px;  
    background-color: #3498db;  
    color: white;  
}
```

2. Ask the user to write a CSS class `.notice` that:

- Displays as a block element
- Has 15px padding and 10px margin-bottom
- Sets opacity to 0.8
- Adds a colored background (e.g., orange) and white text

```
.notice {  
    display: block;  
    padding: 15px;  
    margin-bottom: 10px;  
    opacity: 0.8;  
    background-color: orange;  
    color: white }  

```

Answer the following questions:

1. Fill in the missing attributes to link a <label> with an input field.

```
<label for username_field>Username:</label>
<input type="text" id="username_field">
```

2. Complete the HTML form code to create a text input and submit button.

```
<form>
  <input type="text">
  <input type="submit" value="Submit">
</form>
```

3. Complete the <form> element to open the result in a new tab using the target attribute.

```
<form action="result.html" target="_blank">
  <input type="submit">
</form>
```

4. Complete the HTML to add an audio element that loops and has controls.

```
<audio controls loop>
  <source src="song.mp3" type="audio/mpeg">
</audio>
```

5. Complete the CSS to make an element invisible but still take space on the page.

```
.box {
  visibility: hidden;
}
```

6. Complete the CSS to add 20px padding and 10px margin to left and right sides of a <div>.

```
div {
  padding: 20px;
  margin: 10px;
}
```

7. Complete the CSS selector to target all <p> elements inside a <div> (descendant selector).

```
div p {
  color: blue;
}
```

8. Complete the CSS selector to target only <p> elements that are direct children of a <div>.

```
div > p {
  background-color: yellow;
}
```

9. Complete the CSS using the adjacent sibling selector to make the next <p> bold.

```
div + p {  
    font-weight: bold;  
}
```

10. Complete the image tag to display an image with alternate text “Campus”.

```

```

11. Write a CSS rule to center text inside <h1>.

```
h1 {  
    text-align: center ;  
}
```

12. Complete the heading tag to display a level-2 heading.

```
<h2>Welcome to Web Development</h2>
```

13. Fill in the blanks to make text bold and italic.

```
<b>This text is bold.</ b>  
<i>This text is italic.</ i>
```

14. Complete the HTML to create a comment line.

```
<!--This is a comment -->
```

15. Fill in the blanks to select an element by its ID “main”.

```
#main{  
    border: 2px solid black;  
}
```

16. Complete the CSS property to round the corners of a box.

```
div {  
    border-radius: 10 px;  
}
```