



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 Abdelaziz Taha
Assignment 2: 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

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

Answer the following questions:

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

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

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

```
<form>  
  <input type=".....">  
  <input type="....." 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=".....">  
  <input type="submit">  
</form>
```
4. Complete the HTML to add an audio element that loops and has controls.

```
<audio controls .....>  
  <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 {  
  .....: hidden;  
}
```
6. Complete the CSS to add 20px padding and 10px margin to left and right sides of a <div>.

```
div {  
  padding: .....;  
  margin: .....;  
}
```
7. Complete the CSS selector to target all <p> elements inside a <div> (descendant selector).

```
div ..... {  
  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 {  
  .....: center ;  
}
```

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

<.....>Welcome to Web Development</.....>

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

<.....>This text is bold.</.....>

<.....>This text is italic.</.....>

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”.

```
..... {  
  border: 2px solid black;  
}
```

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

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