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2nd Year



جامعة برج العرب التكنولوجية

جامعة برج العرب التكنولوجية

Course: **web development**
Semester: 1st 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

```
<style>
.nav-item{
    display: inline;
    padding: 10px;
    margin: 8px;
}
</style>
```

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=".....">
```

```
<style>
.notice_that {
    display: block;
    padding: 15px;
    margin-bottom: 10px;
    opacity: 0.8px;
    background-color: orange;
    color: white;
}
</style>
```

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 loops.....>  
  <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”.

```
 alt="campus"
```

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

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

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:**20**.....px;
}