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## TRIMESTER 2 2023 COSC260 Web Programming

Question 27

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Identify ONE web programming principle or technique that you understand and can apply with confidence. You MUST have learned your chosen principle or technique in this unit.



One web programming principle that I have understand is **responsive design** and can apply with confidence.

Question 28

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▼ Flag question

a) Describe this principle or technique, explaining why it was important in your implementation of at least ONE of your assignments (2 marks)

b) Identify and explain at least TWO approaches, methods or features that are used to implement this principle or technique. For each, you MUST provide specific details (including code snippets where relevant) illustrating HOW and explaining WHY you implemented the principle/technique in this manner in at least ONE of your assignments. (8 marks)

Note: no marks will be awarded for principles, techniques or methods not covered in this unit.



a) In my assignment 1's implementation of responsive design was important since it makes sure that the webpage is accessible and easy to use regardless of the device and screen being used to see it. Responsive design is essential to reach more people and offer a smooth user experience as people access online content from a variety of devices with different screen sizes and resolutions.

b) The two approaches are:

1) Media Query

Media queries are used to dynamically apply styles to items based on the user's device's specifications, usually using the viewport width. It makes sure that styles are only applied when the prerequisites are satisfied, enabling distinct styling for various screen sizes.

The code snippets from my assignment 1 for media query is pasted below:

Question 29

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a) Identify ANOTHER web programming principle or technique that you have mastered in this unit. (1 mark)

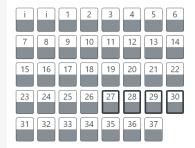
b) Describe this principle or technique, explaining why it was important in your implementation of at least ONE of your assignments. (2 marks)

c) Identify and explain ONE approach, method or feature that is used to implement this principle or technique. You MUST provide specific details (including code snippets where relevant) illustrating HOW and explaining WHY you implemented the principle/technique in this manner in at least ONE of your assignments. (4 marks)

**Note**: the principle or technique referred to in your response MUST be different to the principle/technique you used to respond to the previous question. NO marks will be awarded for principles, techniques or methods not covered in this unit.

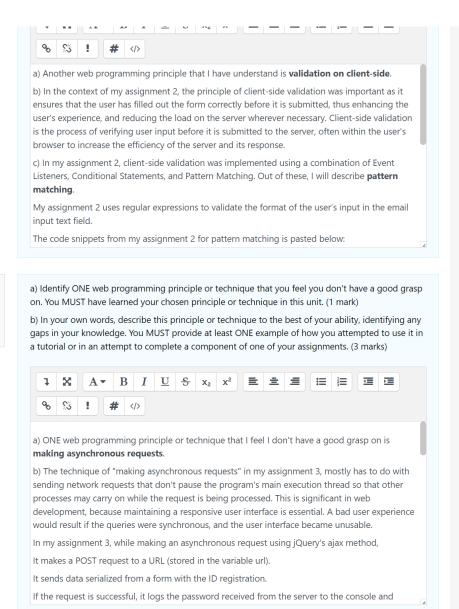
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## Quiz navigation



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Question 30

Answer saved

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