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Chandigarh University Management System Feedback

Quiz 2

Rajdeep Jaiswal

Final Grade Submitted 2/23/22, 9:17 PM (UTC+5:30) 4 / 4

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Assignment Content

Question 1

In linked list each node contains a minimum of two fields. One field is data field to store the data second field is?


- A Pointer to character
- B Pointer to integer
- C Pointer to node**
- D Node

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Question 2



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Question 2

Which of the following method is slowest?

- A Quick Sort
- B Merge Sort
- C Shell Sort
- D Bubble Sort

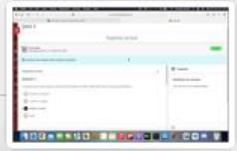
Question 3

The worst case running time of insertion sort, merge sort, and quick sort respectively are

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4 / 4

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Question 3

The worst case running time of insertion sort, merge sort, and quick sort respectively are

- A $O(n \log n), O(n \log n), O(n^2)$
- B $O(n^2), O(n^2), O(n \log n)$
- C $O(n^2), O(n \log n), O(n \log n)$
- D $O(n^2), O(n \log n), O(n^2)$

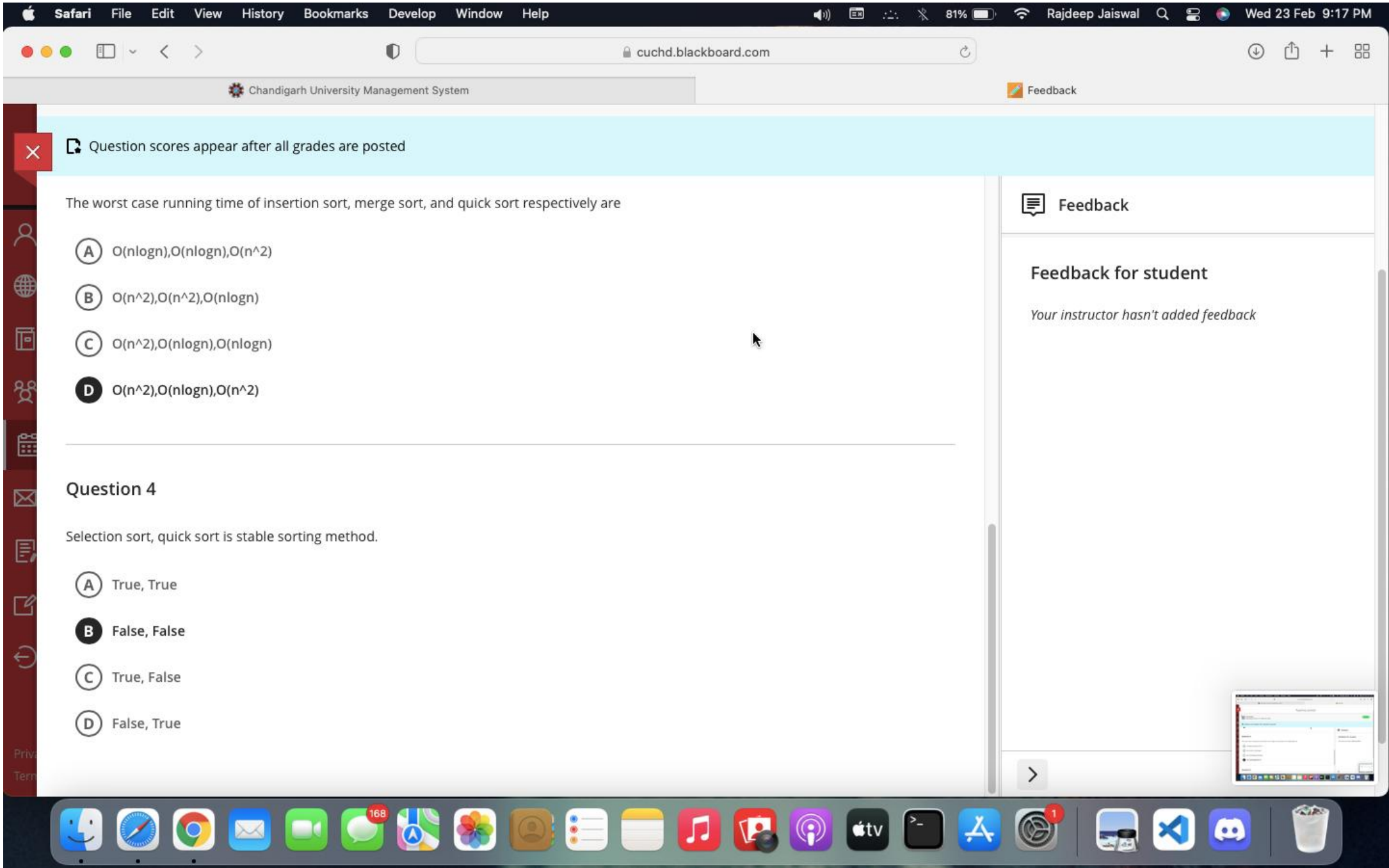
Question 4

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The worst case running time of insertion sort, merge sort, and quick sort respectively are

- (A) $O(n \log n), O(n \log n), O(n^2)$
- (B) $O(n^2), O(n^2), O(n \log n)$
- (C) $O(n^2), O(n \log n), O(n \log n)$
- (D) $O(n^2), O(n \log n), O(n^2)$

Question 4

Selection sort, quick sort is stable sorting method.

- (A) True, True
- (B) False, False
- (C) True, False
- (D) False, True

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