H

Full Name:
Email:
Test Name:
Taken On:
Time Taken:
Work Experience:
Invited by:
Invited on:
Tags Score:

Kenneth Choi kennethichoi@gmail.com MBA: Algorithms 1 Aug 2019 15:54:24 PDT 12 min 20 sec/ 15 min 1 years Jeff 1 Aug 2019 15:51:20 PDT BFS 20/20 Basic Algorithms 40/40 Binary Search Trees 10/10 DFS 25/25 Data Structures 10/10 Essential 89/89 Intermediate Programming 5/5 Javascript 10/10 Recursion 5/5 Space Complexity 10/10 Time Complex 5/5

Time Complexity 39/39

Trees 5/5

100% 89/89

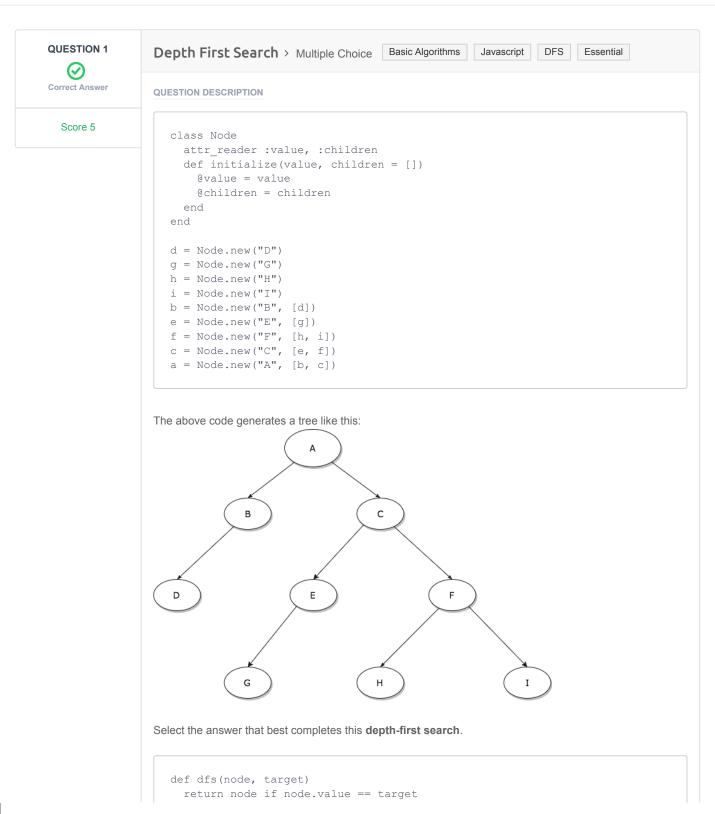
scored in **MBA: Algorithms** in 12 min 20 sec on 1 Aug 2019 15:54:24 PDT

Recruiter/Team Comments:

No Comments.

	Question Description	Time Taken	Score	Status
Q1	Depth First Search > Multiple Choice	1 min 16 sec	5/ 5	\odot
Q2	Searches > Sentence Completion	1 min 28 sec	5/ 5	②
Q3	Time Complexity: Binary Search Tree > Sentence Completion		10/ 10	②
Q4	Depth First Search Traversal > Multiple Choice	45 sec	5/ 5	②
Q5	Time Complexity > Multiple Choice	27 sec	5/ 5	②
Q6	Graph Traversal > Multiple Choice	7 sec	5/ 5	②
Q7	Searches > Sentence Completion	27 sec	10/ 10	②

Q8	Time Complexity: Array > Multiple Choice	11 sec	5/ 5	Ø	T
Q9	Searches > Multiple Choice	7 sec	5/ 5	②	
Q10	Big-O > Sentence Completion	1 min 7 sec	14/ 14	②	
Q11	Sorting > Multiple Choice	5 sec	5/ 5	②	
Q12	Recursion > Multiple Choice	27 sec	5/ 5	②	
Q13	Breadth First Search Traversal > Multiple Choice	23 sec	5/ 5	②	
Q14	Time Complexity: B-Tree > Multiple Choice	5 min 31 sec	5/ 5	Ø	



```
node.children.each do |child|
# ********

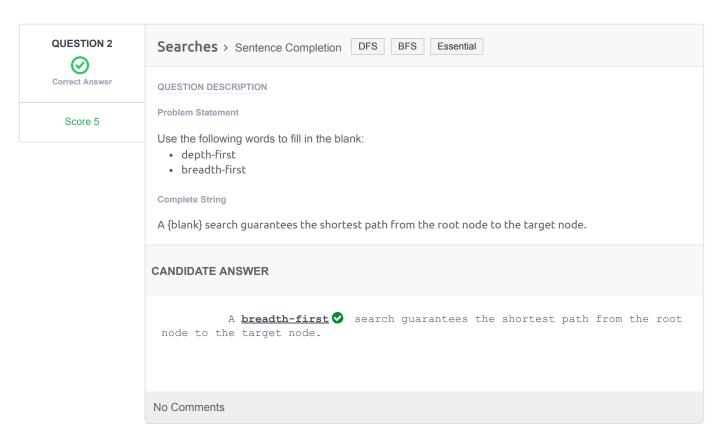
# Missing code goes here
# *******
return result if result
end
nil
end

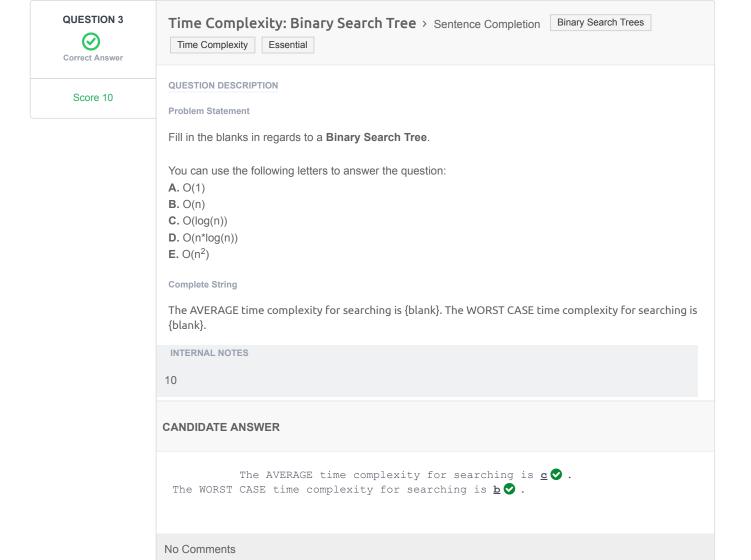
CANDIDATE ANSWER

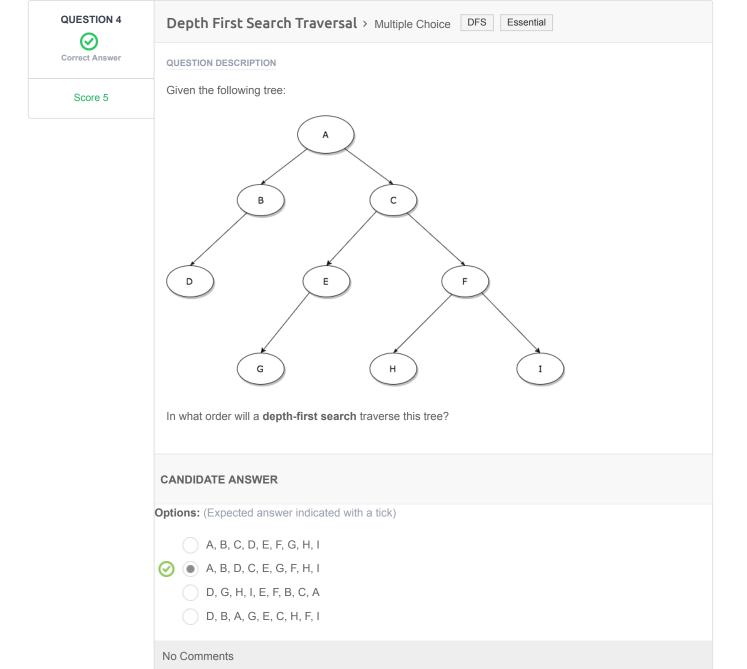
Options: (Expected answer indicated with a tick)

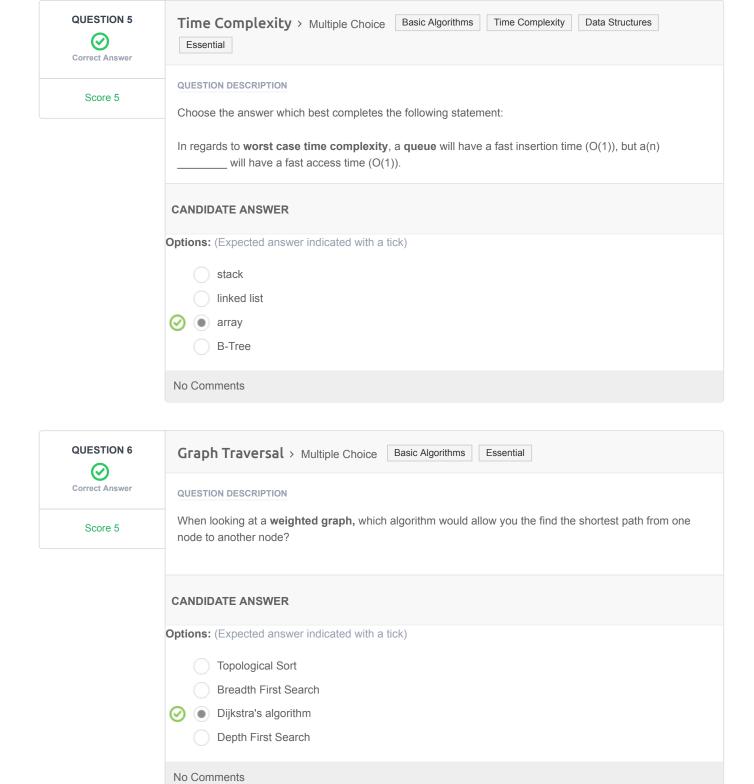
node.value = target
result = node.value
target = node.value
result = dfs(child, target)

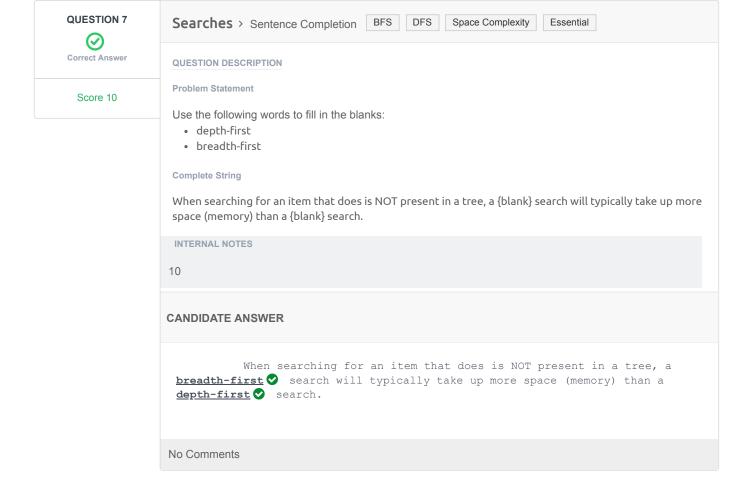
No Comments
```

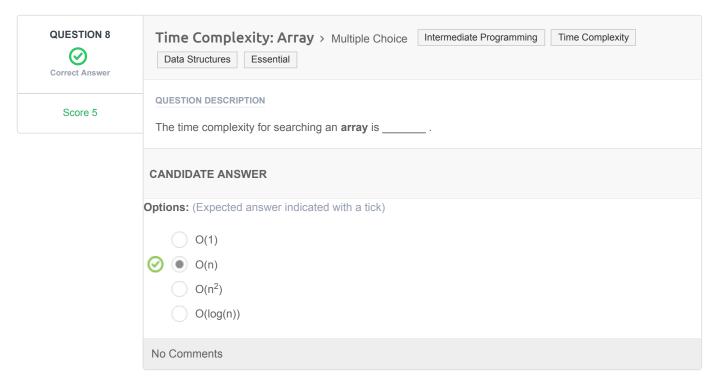


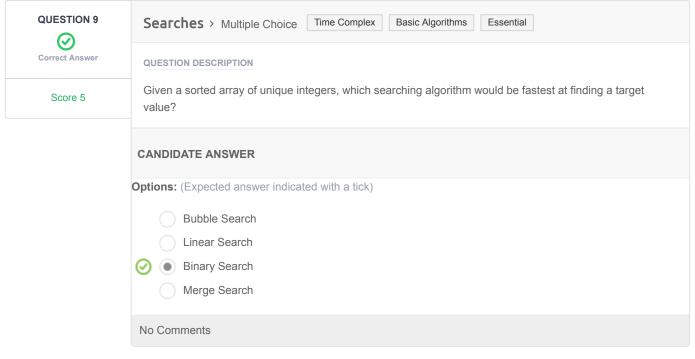


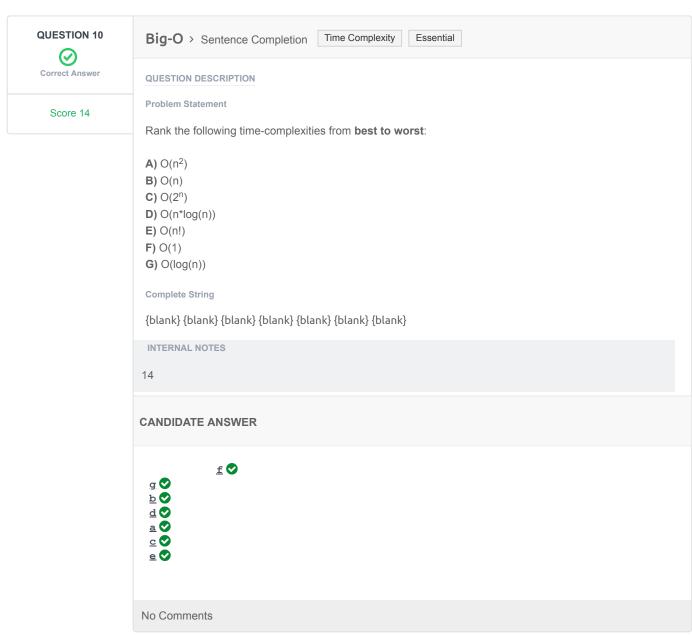








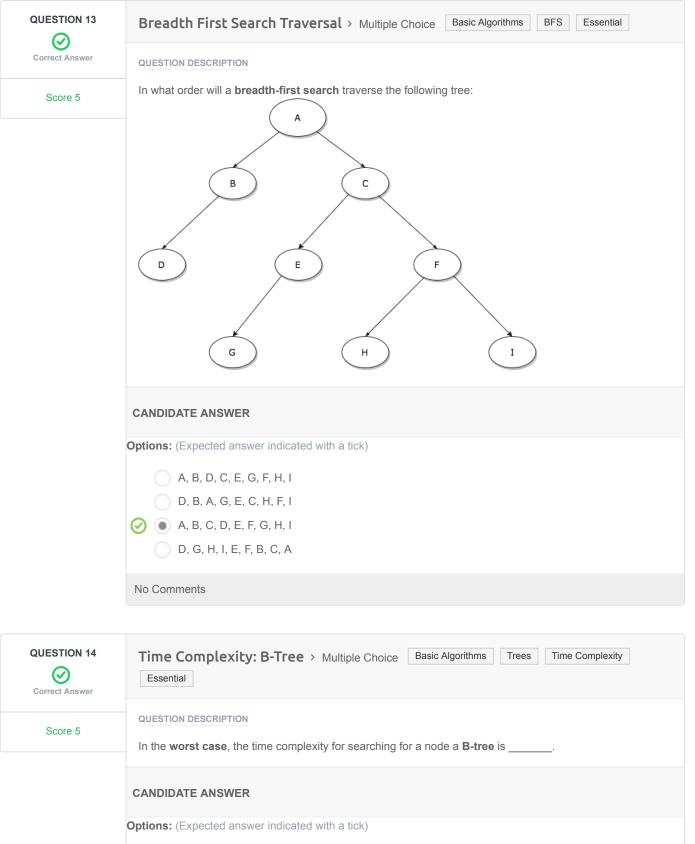




QUESTION 11	Sorting > Multiple Choice Basic Algorithms Essential		
Correct Answer	QUESTION DESCRIPTION		
Score 5	Given an unsorted array of integers, which of the following sorts would, in the worst case scenario, have quadratic time complexity $(O(n^2))$ and a constant space complexity $(O(1))$?		
	CANDIDATE ANSWER		
	Options: (Expected answer indicated with a tick) Mergesort Heapsort Bubble Sort Quicksort		
	No Comments		
QUESTION 12	Recursion > Multiple Choice Basic Algorithms Recursion Javascript Essential		
Correct Answer	QUESTION DESCRIPTION		
Score 5	What is the return value of the following code?		
	<pre>function recurse(num) { if (num <= 0) return [num]; const result = [num]; return result.concat(recurse(num - 1)); } recurse(10);</pre>		
	CANDIDATE ANSWER		
	Options: (Expected answer indicated with a tick)		
	Infinite loop/ stack overflow [0] [10] [0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10]		

[10, 9, 8, 7, 6, 5, 4, 3, 2, 1, 0]

No Comments



PDF generated at: 1 Aug 2019 23:07:45 UTC

Programming problems and Competitions :: Hackerkank

8/1/2019