

## Quiz 07 - Heap

### Instructions:

- Your submissions must be submitted in the Quiz07 directory of your Quizzes directory in your GitHub repository.
- Cheating of any kind is prohibited and will not be tolerated.
- Violating and/or failing to follow any of the rules will result in an automatic zero (0) for the lab.

TO ACKNOWLEDGE THAT YOU HAVE READ AND UNDERSTOOD THE INSTRUCTIONS ABOVE, AT THE BEGINNING OF YOUR SUBMISSION(S), ADD A COMMENT THAT CONSISTS OF YOUR NAME AND THE DATE

### Grading

Question	Maximum Points	Points Earned
1	0.1	
2	0.1	
3	0.1	
4	0.1	
5	0.1	
Total	0.5	

Question 1: What is the min-heap property?

Question 2: What is the index of the right child of the twentieth node of a heap?

Question 3: What are the attributes of a heap?

Question 4: What is the index of the parent of the forty-fifth node of a heap?

Question 5: What is the height of a heap with a size of 130?