Submission details

Grade: **16 / 20**

Quiz 2

Vandit Jyotindra Gajjar submitted 14 May at 7:54

📄 **a1779153_Quiz_2-1.pdf** 133 KB

This is the submission file which is a scanned copy of the handwritten solution.

Vandit Jyotindra Gajjar , 14 May at 5:30

The previous file has certain errors, which were modified in this version. This is the final submission file which is a scanned copy of the handwritten solution.

<div align="right">Vandit Jyotindra Gajjar , 14 May at 7:54</div>

Question 1:

Find The i-th Largest mark is 1 (out of 2 marks）

Insertion   mark is 4 (out of 4 marks)

Deletion   mark is 2 (out of 4 marks)

Total marks for Question 1: 7

Bug: the tree only has 3 elements, I want to find 14-th largest. it will be Run-time errors.

Bug: When deleting the node, if you don't find this element, you cannot decrease the number of left/right child node (for its father node) by 1.

<div align="right">Guanhua Wang , 16 May at 19:32</div>

Dear Guanhua,

Thank you for the feedback. I have the question here that in the quiz problem statement, the question was open-ended problem so there would be multiple solutions were be correct for these type of problem. So as stated in feedback about the bug number 1, it seems confusing. Because if the tree has 3 elements, then to find the 14th target the program will show error or terminate. So could you please clarify more on this, it would be really helpful to me for learning.

<div align="right">Vandit Jyotindra Gajjar , 20 May at 7:26</div>

2.1 marks: 4 (out of 4)

2.2 marks: 2 (out of 2)

2.3 marks: 3 (out of 4)