

CS1020E Tutorial + Lab 06

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Tutorial Solutions

“Tutorial 6 – Stacks and Queues”

Question 1: Linked List Operations

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- **Answer:**

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- **Answer:** Both of them use `deque<T>`.

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Which data structures can you **choose to use** as the underlying data structure for each of the two adaptors?

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(stack) `list<T>`, `vector<T>`.

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- **Answer:**

(stack) `list<T>`, `vector<T>`.

(queue) `list<T>`

Question 2:

Stack and Queue Applications – Expression Evaluation
(see code)

End of Tutorial Discussion

Note: Detailed solutions (i.e. the file T6_ans.pdf) will be released soon at

<http://www.comp.nus.edu.sg/~stevenha/cs1020e.html>

Mid Term Revision Part I

`http://visualgo.net/training.html`

Let's take a short break!

Mid Term Revision Part II

`http://bit.ly/2dvRErr`

Any Questions?

See you next week!