Interview Questions: Stacks and Queues (ungraded)

Practice Quiz, 3 questions

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1.

Queue with two stacks. Implement a queue with two stacks so that each queue operations takes a constant amortized number of stack operations.

Note: these interview questions are ungraded and purely for your own enrichment. To get a hint, submit a solution.

What do you think?

Your answer cannot be more than 10000 characters.

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2.

Stack with max. Create a data structure that efficiently supports the stack operations (push and pop) and also a return-the-maximum operation. Assume the elements are reals numbers so that you can compare them.

What do you think?

Your answer cannot be more than 10000 characters.

1

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Java generics. Explain why Java prohibits generic array creation.

What do you think?

Your answer cannot be more than 10000 characters.

Submit Quiz