Practice Quiz, 3 questions



Next Item

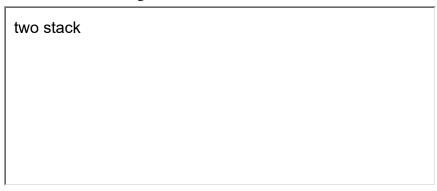


1/1 points

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.



Your answer cannot be more than 10000 characters.

Thank you for your response.

Hint: If you push elements onto a stack and then pop them all, they appear in reverse order. If you repeat this process, they're now back in order.

Stack with max. Create a data structure that efficiently supports Interview Questionsers tacks and Queness ungraded)

3/3 points (100%)

Practice Quiz, 3 questions imum operation. Assume the elements are reals numbers so that you can compare them.

| two stack | | | |
|-----------|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |

Your answer cannot be more than 10000 characters.

Thank you for your response.

Hint: Use two stacks, one to store all of the items and a second stack to store the maximums.



1/1 points

3.

Java generics. Explain why Java prohibits generic array creation.

Your answer cannot be more than 10000 characters.

Thank you for your response.

Hint: to start, you need to understand that Java arrays are
covariant but Java generics are not: that is, String[] is a
subtype of Object[], but Stack < String > is not a
subtype of Stack < Object > .

| Interview Questions: Stacks and Queues (ungraded) | 3/3 points (100%) | | |
|---|-------------------|--|--|
| Practice Quiz, 3 questions | | | |
| A | \bar{C} | | |