

Quiz Submissions - Linked Lists, Stacks, and Queues Reading Quiz



Chork Hieng (username: gt9182iu)

Attempt 1

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Submission View

Your quiz has been submitted successfully.

Question 1

4 / 4 points

Match the data structure to its description.

✓ 2 Queue

✓ 4 Linked List

✓ 3 Bag

✓ 1 Stack

1. A last-in, first-out collection.

2. A first-in, first-out collection.

3. A collection of items that may be added to, but from which nothing can be removed.

4. A way of storing data so that each item has a reference to the next item in the collection.

Question 2

2 / 2 points

What are the methods in the **Stack** API (as defined in the text)?

✓ ☒ `push()`, `pop()`, `isEmpty()`, and `size()`

☐ `add()`, `isEmpty()`, and `size()`

☐ `enqueue()`, `dequeue()`, `isEmpty()`, and `size()`

Question 3

2 / 2 points

What are the methods in the **Queue** API (as defined in the text)?

✓ ☒ `enqueue()`, `dequeue()`, `isEmpty()`, and `size()`

☐ `push()`, `pop()`, `isEmpty()`, and `size()`

☐ `add()`, `isEmpty()`, and `size()`

Question 4

2 / 2 points

What are the methods in the **Bag** API (as defined in the text)?

☐ `enqueue()`, `dequeue()`, `isEmpty()`, and `size()`

✓ ☒ `add()`, `isEmpty()`, and `size()`

☐ `push()`, `pop()`, `isEmpty()`, and `size()`

Question 5

2 / 2 points

By implementing the **Iterable** interface, a collection type may be iterated over using the Java enhanced for loop.

✓ ☒ True

☐ False

Question 6

2 / 2 points

Stack, **Queue**, and **Bag** are all collection types.

✓ ☒ True

☐ False

Question 7

0 / 2 points

Stack, **Queue**, and **Bag** are not parameterized (generic) types.

✗ ☐ True

➡ ☐ False

Attempt Score: 14 / 16 - 87.5 %

Overall Grade (highest attempt): 14 / 16 - 87.5 %

Done