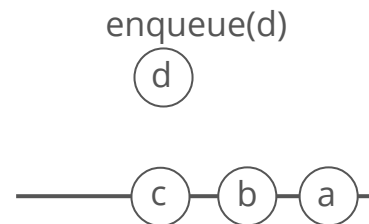


Queues

A queue is like a line at the movie theater. It's "first in, first out" (FIFO), which means that the item that was put in the queue *longest ago* is the first item that comes out. "First come, first served."



Queues have two main methods:

1. **enqueue()** : adds an item
2. **dequeue()** : removes and returns the next item in line

They can also include some utility methods:

1. **peek()** : returns the item at the front of the queue, without removing it.
2. **isEmpty()** : returns true if the queue is empty, false otherwise

See also:

- [Stacks \(/concept/stack\)](/concept/stack)
- [Linked Lists \(/concept/linked-list\)](/concept/linked-list)
- [Dynamic Arrays \(/concept/dynamic-array-amortized-analysis\)](/concept/dynamic-array-amortized-analysis)

Queue Coding Interview Questions

19 ✓ **Queue Two Stacks »**

Implement a queue with two stacks. Assume you already have a stack implementation. keep reading »

(/question/queue-two-stacks)

All Questions → (/all-questions)

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