

POTD25.1. Problem of the Day #25

## Download and Extract

An initial setup of files is provided to you via a shell script: [Download potd-q25](#)

Using a terminal, extract the initial files by running the shell script you just downloaded (you will need to navigate to the directory where you saved the file):

```
sh potd-q25.sh
```

Your files for this problem will be in the potd-q25 directory.

## The Problem

Create a class `Queue`.

Implement the following member functions of the queue class:

- `int getSize()` - returns the number of elements in the queue (0 if empty)
- `bool isEmpty()` - returns if the list has no elements, else false
- `void enqueue()` - puts an item to the queue in O(1) time
- `int dequeue()` - removes an item off the queue and returns the value in O(1) time

We will not test Rule of Three methods, but we will call the destructor.

## Upload Solution

Drop files here or click to upload.

Only the files listed below will be accepted—others will be ignored.

Files

☐ Queue.cpp

not uploaded

☐ Queue.h

not uploaded

Save & Grade

Save only

POTD 25

Total points:

0/1

Score:

0%

Question

Value:

1

History:

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0/1

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