POTD26.1. Problem of the Day #26

## Download and Extract

An initial setup of files is provided to you via a shell script: Download potd-q26

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-q26.sh
```

Your files for this problem will be in the `potd-q26` directory.

## The Problem

Complete the class `Stack` to implement a basic stack. Use the requirements listed below to determine the apropriate data structure to use.

The following member functions must be implemented in `Stack`:

- `int size()` - returns the number of elements in the stack (0 if empty)
- `bool isEmpty()` - returns true if the stack has no elements, else false
- `void push(int val)` - pushes an item to the stack in $O(1)$ time
- `int pop()` - removes an item off the stack and returns the value in $O(1)$ time. If the stack is empty, the behavior is undefined; segfaulting is acceptable. (The tests will not try to pop from an empty stack.)

We've included a `main.cpp` that will exercise your code.

## Upload Solution

Drop files here or click to upload.

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

Files

- Stack.cpp
  not uploaded
- Stack.h
  not uploaded

Save & Grade | Save only

POTD 26

Total points: 0/1

Score: 0%

Question

Value: 1

History:

Awarded points: 0/1

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