



Problem: Week 3 - Simulation Queue

Description

Perform a sequence of operations over a queue, each element is an integer:

- PUSH v: push a value v into the queue
- POP: remove an element out of the queue and print this element to stdout (print NULL if the queue is empty)

Input

Each line contains a command (operation) of type

- PUSH v
- POP

Output

- Write the results of POP operations (each result is written in a line)

Example

Input

PUSH 1

PUSH 2

PUSH 3

POP

POP

PUSH 4

PUSH 5

POP

#

Output

1

2

3

Input

PUSH 1

POP

POP

PUSH 4

POP

#

Output

1

NULL

4

Sample TestCase

C 17



1 Write your Source code here

Source code

C 17



```
1 //C
2 #include <stdio.h>
3
4 int main()
5 {
6
7 }
```

SUBMIT CODE

Currently, this contest problem is not open for submissions

Or

C 17

Select file

SUBMIT

🔍 Tìm kiếm



ID	Bài tập	Trạng thái	Message	Điểm	Ngôn ngữ
15b78c	QUEUE_SIM	Accept		100	PYTHON3
665bc1	QUEUE_SIM	Partial		20	PYTHON3

https://programming.daotao.ai/programming-contest/student-view-contest-problem-detail/PROJECT1_20231_WEEK1/QUEUE_SIM