## **ICPC Assiut University Community**

Juniors Phase 1 Training ,Do Your Best



HOME TOP CATALOG CONTESTS GYM PROBLEMSET GROUPS RATING EDU API CALENDAR HELP ICPC CHALLENGE 🖫

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

## D. Stack

time limit per test: 1 second memory limit per test: 256 megabytes input: standard input output: standard output

You have an empty stack of integers, and q queries in the following format:

- $push \ x$  : where  $(1 \le x \le 10^9)$  add x in the top of the stack.
- pop: remove the top of the stack.
- top: print the top of the stack.

It's guaranteed that in the last 2 types of the query, the stack is not empty

#### Input

The first line of input contains an integer q ( $1 \le q \le 10^5$ ).

The next q lines contain the queries.

## **Output**

Print the answer to the queries in separate lines

## Example



## <u>ICPC Assiut University Training -</u> <u>Standard - Juniors Phase 1</u>

## Public

## **Participant**



## **→ Group Contests**



- Standard #4 (Binary search , two pointers )
- Standard #3 (set , sorting, compare function , map )
- Standard #2 (binary search, stack, queue, deque, priority queue)
- Standard #1 (Frequency, prefix sum, vector, pair, struct)

# Standard #2 (binary search, stack, queue, deque, priority queue)

#### **Finished**

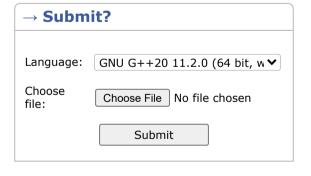
#### **Practice**



## → Virtual participation

Virtual contest is a way to take part in past contest, as close as possible to participation on time. It is supported only ICPC mode for virtual contests. If you've seen these problems, a virtual contest is not for you solve these problems in the archive. If you just want to solve some problem from a contest, a virtual contest is not for you solve this problem in the archive. Never use someone else's code, read the tutorials or communicate with other person during a virtual contest.

Start virtual contest



→ Last submissions		
Submission	Time	Verdict
226498614	Oct/03/2023 23:43	Accepted
226498212	Oct/03/2023 23:36	Accepted