

PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

## F. New keyboard

time limit per test: 1 second🕒  
memory limit per test: 256 megabytes

My father has bought a **new keyboard** and like any child, I started playing with this keyboard.

the new keyboard consists of Keys uppercase letters, lowercase letters, underscores, and two special characters '[' and ']' where ( '[' means the Home key, ']' means the "End" key).

you should know that if I press the **"Home key"** the indicator moves to the beginning of the line, and if I press the **"End key"** the indicator moves to the end of the line, and if I press any other key the letter of this key will be printed in the position of the indicator on the monitor.

I started to make a string by pressing some keys on the keyboard, If I gave you these keys that I pressed, could you show me the real string that will appear on the monitor!!

### Input

There are several test cases the number of them is between 1 and 5.

Each test case containing a string  $S$  represents the keys that I pressed in the same order that I pressed them, ( $1 \leq |S| \leq 10^5$ ), and consists of uppercase letters, lowercase letters, underscores and two special characters '[' and ']'.

### Output

For each test case, print the real string that will appear on the monitor.


### Example

input	Copy
Name[My_]_Is_Mohemd [[]][[]]I_Am_FrOm_AssiUt	
output	Copy
My_Name_Is_Mohemd I_Am_FrOm_AssiUt	

**ICPC Assiut University Training - Juniors Phase 1 Sheets-2022**

Public

Participant




→ **Group Contests** ▾

- Juniors Phase 1 Practice #5 (Bitmask, Bitset, Bits)
- Juniors Phase 1 Practice #4 ( Binary search , Two pointers )
- Juniors Phase 1 Practice #3 ( STL 2 )
- Juniors Phase 1 Practice #2 ( STL 1 )
- Juniors Phase 1 Practice #1 ( Prefix sum , Frequency Array )

**Juniors Phase 1 Practice #2 ( STL 1 ).**

Finished

Practice



→ **About Time Scaling** ▾

This contest uses time limits scaling policy (depending on a programming language). The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the [link](#).

→ **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

→ **Submit?**

Language: GNU G++20 13.2 (64 bit, win ▾)

Choose file: Choose File No file chosen

Submit

→ **Last submissions**

Submission	Time	Verdict
<a href="#">284863938</a>	Oct/08/2024 07:19	Accepted
<a href="#">284863485</a>	Oct/08/2024 07:11	Accepted