

The Cosmic Era P1 - Ship

Time limit: 2.0s **Memory limit:** 16M

The Archangel is being built! In order to build the Archangel, **at least 1** of a number of parts are required. In the following table, each part is represented by an uppercase character.

Part Name	Letter Used
Beam Weapons	B
Frame (inclusive)	F
Thrusters	T
Launch Pad	L
Command Room	C

However, you appear to be missing some parts. Can you figure out which?

Input Specification

The first line contains a string containing the identifiers of all the parts you have. The length of the string will be at least 1 and no longer than 10.

Output Specification

The missing parts, each on a separate line and in any order. If there are no missing parts, output `NO MISSING PARTS`.

Sample Input 1

```
BFTL
```

Sample Output 1

```
C
```

Sample Input 2

BFTLC

Sample Output 2

NO MISSING PARTS