

Input

- The **possible** commands are:
 - "Finish"
 - "Replace {currentChar} {newChar}"
 - "Cut {startIndex} {endIndex}"
 - "Make {Upper/Lower}"
 - "Check" {string}"
 - "Sum {startIndex} {endIndex}"

Output

- The **possible** outputs are:
 - "Invalid indices!"
 - "Message contains {string}"
 - "Message doesn't contain {string}"

Examples

Input	Output
ILikeSoftUni Replace I We Make Upper Check SoftUni Sum 1 4 Cut 1 4 Finish	WeLikeSoftUni WELIKESOFTUNI Message doesn't contain SoftUni 293 WESOFTUNI
Input	Output
HappyNameDay Replace p r Make Lower Cut 2 23 Sum -2 2 Finish	HarryNameDay harrynameday Invalid indices! Invalid indices!

JS Input / Output

The input will be provided as an array of strings.

Input	Output
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<pre>(["ILikeSoftUni", "Replace I We", "Make Upper", "Check SoftUni", "Sum 1 4", "Cut 1 4", "Finish"])</pre>	<pre>WeLikeSoftUni WELIKESOFTUNI Message doesn't contain SoftUni 293 WESOFTUNI</pre>
Input	Output
<pre>(["HappyNameDay", "Replace p r", "Make Lower", "Cut 2 23", "Sum -2 2", "Finish"])</pre>	<pre>HarryNameDay harrynameday Invalid indices! Invalid indices!</pre>