

## Problem 1 – String Game



Create a program that executes changes over a string. On the first line, you are going to **receive the string**. On the following lines, you will be receiving **commands** until the **"Done"** command. There are **six** possible commands:

- **"Change {char} {replacement}"**
  - Replace all occurrences of the char with the given replacement, then **print the string**.
- **"Includes {substring}"**
  - Check if the string includes the given substring with and **print "True" or "False"**.
- **"End {substring}"**
  - Check if the string ends with the given substring and **print "True" or "False"**.
- **"Uppercase"**
  - Make the **whole string uppercased**, then **print it**.
- **"FindIndex {char}"**
  - Find the **index of the first occurrence of the given char**, then **print it**.
- **"Cut {startIndex} {count}"**
  - Remove all characters from the **string, except those starting** from the given start index and the next count of characters. **Print only the cut chars**.

### Input

- On the **first line**, you are going to receive the **string**.
- On the following **lines**, until the **"Done"** command is received, you will be receiving commands.
- All commands are **case-sensitive**.
- The **input will always be valid**.

### Output

- **Print the output of every command in the format described above.**

### Examples

Input	Output
//This is my string!// Change 1 i Includes string End my Uppercase FindIndex I	//This is my string!// True False //THIS IS MY STRING!// 4 S IS

Cut 5 5 Done	
*S0ftUni is the B3St Plac3** Change 2 o Includes best End is Uppercase FindIndex P Cut 3 7 Done	*S0ftUni is the B3St Plac3** False False *S0FTUNI IS THE B3ST PLAC3** 21 FTUNI I

## JS Examples

The input will be provided as an array of strings.

Input	Output
(["//This is my string!//", "Change 1 i", "Includes string", "End my", "Uppercase", "FindIndex I", "Cut 5 5", "Done"])	//This is my string!// True False //THIS IS MY STRING!// 4 S IS
(["*S0ftUni is the B3St Plac3**", "Change 2 o", "Includes best", "End is", "Uppercase", "FindIndex P", "Cut 3 7", "Done"])	*S0ftUni is the B3St Plac3** False False *S0FTUNI IS THE B3ST PLAC3** 21 FTUNI I