

String Manipulator - Group 1

Create a program that executes changes over a string. First, you are going to **receive the string**, then commands.

You will be receiving **commands** until the "End" command. There are **six** possible commands:

- "Translate {char} {replacement}"
 - Replace all occurrences of {char} with {replacement}, then **print** the **string**.
- "Includes {string}"
 - Check if the string **includes** {string} and **print** "True/False".
- "Start {string}"
 - Check if the string **starts** with {string} and **print** "True/False".
- "Lowercase"
 - Make the **whole string** lowercased, then **print** it.
- "FindIndex {char}"
 - Find the **last index** of {char}, then **print** it.
- "Remove {startIndex} {count}"
 - Remove {count} characters from the string, starting from {startIndex}, then **print** it.

Input

- On the **1st line** you are going to receive the **string**.
- On the next **lines**, until the "End" 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
//Thi5 I5 MY 5trING!// Translate 5 s Includes string Start //This Lowercase FindIndex i Remove 0 10 End	//This Is MY strING!// False True //this is my string!// 16 my string!//