# Problem 1 – Easter



First, you are going to **receive** **a string**, then commands.

You will receive "decrypting" **commands** until you get the "**Easter**" command.

* **"Replace {currentChar} {newChar}"**
* **Replace** all occurrences of **{currentChar}** with **{newChar},** then **print** the **current string**.
* **"Remove {substring}"**
* **Remove** the **substring from the string** and **print the result**.
* "**Includes {string}"**
* **Check** if the string **includes** **{string}** and **print** "**True**" or "**False**".
* "**Change {Lower/Upper}"**
* **Replace** all letters with **upper/lower** case and **print** the **current string.**
* "**Reverse {startIndex} {endIndex}"**
* **Reverse** the substring from the **startIndex** until the **endIndex**, then **print** it. Do **NOT** change it in the original string.

**Note:** Check if the indices are valid. If they aren't - skip the command. The indices are inclusive.

## Input

* On the **1st line**, you are going to receive the **string**.
* On the next **lines**, until the **"Easter"** command is received, you will be receiving commands.

## Output

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

## Constraints

* The **indexes** will be integers in the range [**-50**…**50**].

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| EasteriEggsscomming  Replace i I  Remove Eggs  Remove commIng  Change Lower  Reverse 0 17  Easter | EasterIEggsscommIng  EasterIscommIng  EasterIs  easteris |
| Easterbscomming  Replace b I  Remove commIng  Change Upper  Reverse 0 5  Easter | EasterIscomming  EasterIscomming  EASTERISCOMMING  RETSAE |

## JS Examples

The input will be provided as an array of strings.

|  |  |
| --- | --- |
| **Input** | **Output** |
| (['EasteriEggsscomming',  'Replace i I',  'Remove Eggs',  'Remove commIng',  'Change Lower',  'Reverse 0 17',  'Easter']) | EasterIEggsscommIng  EasterIscommIng  EasterIs  easteris |
| (['Easterbscomming',  'Replace b I',  'Remove commIng',  'Change Upper',  'Reverse 0 5',  'Easter']) | EasterIscomming  EasterIscomming  EASTERISCOMMING  RETSAE |