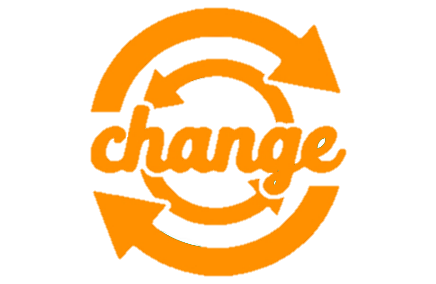
# Problem 1 – String Game



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** onlythe 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** |
| //Th1s 1s my str1ng!// 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 |

## JS Examples

The input will be provided as an array of strings.

|  |  |
| --- | --- |
| **Input** | **Output** |
| (["//Th1s 1s my str1ng!//",  "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 |