### Input

* The **possible** commands are:
  + "**Sign up**"
  + **"Case {lower/upper}"**
  + "**Reverse {startIndex} {endIndex}"**
  + "**Cut {substring}"**
  + "**Replace {char}"**
  + "**Check {char}"**

### Output

* The **possible** outputs are:
  + **"The word {string} doesn't contain {substring}."**
  + **"Valid"**
  + **"Your username must contain {char}."**

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Peter  Case lower  Cut ES  Check @  Sign up | peter  The word peter doesn't contain ES.  Your username must contain @. |
| **Input** | **Output** |
| ThisIsMyString  Reverse 1 4  Replace i  Cut My  Sign up | Isih  Th\*sIsMyStr\*ng  Th\*sIsStr\*ng |

### JS Input / Output

The input will be provided as an array of strings.

|  |  |
| --- | --- |
| **Input** | **Output** |
| (["Peter",  "Case lower",  "Cut ES",  "Check @",  "Sign up"]) | peter  The word peter doesn't contain ES.  Your username must contain @. |
| **Input** | **Output** |
| (["ThisIsMyString",  "Reverse 1 4",  "Replace i",  "Cut My",  "Sign up"]) | Isih  Th\*sIsMyStr\*ng  Th\*sIsStr\*ng |