**String Manipulator**

Create a program that executes **changes** **over** a **string**. First, you **start** with an **empty string**, then you **receive** **commands**.

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

* **"Add {string}"**
* **Concatenate {string} to the string**.
* "**Upgrade {char}"**
* Find **all occurences** of **{char}** and **replace** it with **its ASCII code plus one**.
* "**Print"**
* **Print** the **string**.
* "**Index {char}"**
* Find the **all indeces where {char}** occurs, then **print** them separated by a space. If no occurences - print "**None**".
* "**Remove {string}"**
* **Remove all occurrences** of **{string}** from the string.

**Input**

* On each **line**, 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** |
| Add abracadabra Print Upgrade a Print Index b Remove bbrb Print End | abracadabra bbrbcbdbbrb 0 1 3 5 7 8 10 cbd |