**8.Array Manipulations**

Write a function that manipulates an **array of numbers**.

* **Add {number}:** add a number to the **end** of the array
* **Remove {number}:** remove **all occurrences** of a particular **number** from the array
* **RemoveAt {index}:** removes number at a **given index**
* **Insert {number} {index}:** inserts a number at a **given index**

**Note: All the indices will be valid!**

The **input** comes as an **array of strings**. The first element will be a string containing the **array to manipulate**. Every other **command** you receive will also be a string.

The **output** is the manipulated array printed on the console on a single line, **separated by space**.

**Example**

|  |  |
| --- | --- |
| **Input** | **Output** |
| ['4 19 2 53 6 43',  'Add 3',  'Remove 2',  'RemoveAt 1',  'Insert 8 3'] | 4 53 6 8 43 3 |
| ['6 12 2 65 6 42',  'Add 8',  'Remove 12',  'RemoveAt 3',  'Insert 6 2'] | 6 2 6 65 42 8 |