## Custom List

Create a generic data structure that can store **any type** that can be **compared.** Implement functions:

* **void add(T element)**
* **T remove(int index)**
* **boolean contains(T element)**
* **void swap(int index, int index)**
* **int countGreaterThan(T element)**
* **T getMax()**
* **T getMin()**

Create a command interpreter that reads commands and modifies the custom list that you have created. Implement the commands:

* **Add <element>** - Adds the given element to the end of the list
* **Remove <index>** - Removes the element at the given index
* **Contains <element>** - Prints if the list contains the given element **(true or false)**
* **Swap <index> <index>** - Swaps the elements at the given indexes
* **Greater <element>** - Counts the elements that are greater than the given element and prints their count
* **Max** - Prints the maximum element in the list
* **Min** - Prints the minimum element in the list
* **Print** - Prints all elements in the list, each on a separate line
* **END** - stops the reading of commands

**Note**: For the **Judge tests,** use **String** as **T.**

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Add aa  Add bb  Add cc  Max  Min  Greater aa  Swap 0 2  Contains aa  Print  END | cc  aa  2  true  cc  bb  aa |