### **Input**

* The possible commands are:
  + **"Shop!"**
  + **"Important%{product}"**
  + **"Add%{product}"**
  + **"Swap%{product}%{product}"**
  + **"Remove%{product}"**
  + **"Reversed"**

### **Output**

* The possible outputs are:
* **"The product is already in the list."**
* **"Product {product} missing!"**
* **"Product {product} isn't in the list."**
* **"1. {product1}**

**2. {product2}**

**…**

**N. {productN}"**

### **Examples**

|  |  |
| --- | --- |
| **Input** | **Output** |
| eggs|milk|bread|fish  Important%bread  Swap%eggs%tomato  Shop! | Product tomato missing!  1. bread  2. eggs  3. milk  4. fish |
| apple|cheese|salt|bananas  Remove%cheese  Swap%salt%bananas  Shop! | 1. apple  2. bananas  3. salt |
| kiwi|paper|coffee  Add%coffee  Important%bread  Shop! | The product is already in the list.  1. bread  2. kiwi  3. paper  4. coffee |

### **JS Examples**

The input will be an array of strings.

|  |  |
| --- | --- |
| **Input** | **Output** |
| (["eggs|milk|bread|fish",  "Important%bread",  "Swap%eggs%tomato",  "Shop!"]) | Product tomato missing!  1. bread  2. eggs  3. milk  4. fish |
| (["apple|cheese|salt|bananas",  "Remove%cheese",  "Swap%salt%bananas",  "Shop!"]) | 1. apple  2. bananas  3. salt |
| (["kiwi|paper|coffee",  "Add%coffee",  "Important%bread",  "Shop!"]) | The product is already in the list.  1. bread  2. kiwi  3. paper  4. coffee |