### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| 10 Add=Mark=5=4 Add=Clark=3=5 Add=Berg=9=0 Add=Kevin=0=0 Message=Berg=Kevin Statistics | Berg reached the capacity!  Users count: 3  Clark - 8  Mark - 9  Kevin - 1 |
| **Comments** | |
| First, we **receive** the **capacity** (10). Then we **start** **receiving** **commands**. The **first four commands** are for **adding new users**, so we do it. Then we have the command “**Message=Berg=Kevin**” and **Berg** **reached** the **capacity**, so we **remove** him, but **Kevin** has only his **received** messages **incremented**. When we receive the “**Statistics**” command, we **print** the **output** as described **above**. | |
|  | |
| 20 Add=Mark=3=9  Add=Berry=5=5 Add=Clark=4=0 Empty=Berry Add=Blake=9=3 Add=Michael=3=9 Add=Amy=9=9 Message=Blake=Amy Message=Michael=Amy Statistics | Amy reached the capacity!  Users count: 4  Mark - 12  Michael - 13  Blake - 13  Clark - 4 |
|  | |
| 12  Add=Bonnie=3=5 Add=Johny=4=4  Empty=All  Add=Bonnie=3=3 Statistics | Users count: 1  Bonnie - 6 |

### JS Input

The input will be provided as an **array of strings**

|  |  |
| --- | --- |
| **Input** | **Output** |
| (["10",  "Add=Mark=5=4",  "Add=Clark=3=5",  "Add=Berg=9=0",  "Add=Kevin=0=0",  "Message=Berg=Kevin",  "Statistics"]) | Berg reached the capacity!  Users count: 3  Clark - 8  Mark - 9  Kevin - 1 |
| **Comments** | |
| First, we **receive** the **capacity** (10). Then we **start** **receiving** **commands**. The **first four commands** are for **adding new users**, so we do it. Then we have the command “**Message=Berg=Kevin**” and **Berg** **reached** the **capacity**, so we **remove** him, but **Kevin** has only his **received** messages **incremented**. When we receive the “**Statistics**” command, we **print** the **output** as described **above**. | |
|  | |
| (["20",  "Add=Mark=3=9",  "Add=Berry=5=5",  "Add=Clark=4=0",  "Empty=Berry",  "Add=Blake=9=3",  "Add=Michael=3=9",  "Add=Amy=9=9",  "Message=Blake=Amy",  "Message=Michael=Amy",  "Statistics"]) | Amy reached the capacity!  Users count: 4  Mark - 12  Michael - 13  Blake - 13  Clark - 4 |
|  | |
| (["12",  "Add=Bonnie=3=5",  "Add=Johny=4=4",  "Empty=All",  "Add=Bonnie=3=3",  "Statistics"]) | Users count: 1  Bonnie - 6 |