

Input

- The **possible** commands are:
 - "Stop"
 - "Like-{guest}-{meal}"
 - "Dislike-{guest}-{meal}"

Output

- The **possible** outputs are:
 - "{Guest} doesn't like the {meal}."
 - "{Guest} is not at the party."
 - "{Guest} doesn't have the {meal} in his/her collection."
 - "{Guest1}: {meal1}, {meal2} ... {mealN}
{Guest2}: {meal1}, {meal2} ... {mealN}
...
{GuestN}: {meal1}, {meal2} ... {mealN}
Unliked meals: {count of all disliked meals}"

Examples

Input	Output
Like-Krisi-shrimps Like-Krisi-soup Like-Penelope-dessert Like-Misho-salad Stop	Krisi: shrimps, soup Penelope: dessert Misho: salad Unliked meals: 0
Like-Krisi-shrimps Dislike-Vili-carp Dislike-Krisi-salad Stop	Vili is not at the party. Krisi doesn't have the salad in his/her collection. Krisi: shrimps Unliked meals: 0
Like-Katy-fish Dislike-Katy-fish Stop	Katy doesn't like the fish. Katy: Unliked meals: 1

JS Examples

The input will be provided as an array of strings.

Input	Output
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(["Like-Krisi-shrimps", "Like-Krisi-soup", "Like-Penelope-dessert", "Like-Misho-salad", "Stop"])	Krisi: shrimps, soup Penelope: dessert Misho: salad Unliked meals: 0
(["Like-Krisi-shrimps", "Dislike-Vili-carp", "Dislike-Krisi-salad", "Stop"])	Vili is not at the party. Krisi doesn't have the salad in his/her collection. Krisi: shrimps Unliked meals: 0
(["Like-Katy-fish", "Dislike-Katy-fish", "Stop"])	Katy doesn't like the fish. Katy: Unliked meals: 1