## Supermarket

Write a program that **reads** an **input** consisting of a **name** and **adds** it to a **queue** until "**End**" is received. If you receive "Paid", **print** every customer name and empty the queue, otherwise we receive a client and we must add him to the queue. When we receive **"**End**",** we must print the count of the remaining people in the queue in the format: "{count} people remaining.**"**

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| George  Peter  William  Paid  Michael  Oscar  Olivia  Linda  End | George  Peter  William  4 people remaining. |
| Anna  Emma  Alexander  End | 3 people remaining. |