## Supermarket

**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 have to add him to the queue. When we receive **"End"** we have to print the count of the remaining people in the queue in the format: "**{count} people remaining.".**

### Examples

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| **Input** | **Output** |
| Gosho  Pesho  Ivan  Paid  Nasko  Stefan  Naska  Tanq  End | Gosho  Pesho  Ivan  4 people remaining. |
| Ani  Miro  Stoyan  End | 3 people remaining. |