## Input

* The **possible** commands are:
  + **"Start!"**
  + **"Add;** **{bandName}; {member 1}, {member 2}, …{member N}"**
  + **"Play; {bandName}; {time}"**

## Output

* The **possible** outputs are:
  + **"Total time: {totalTime}**

**{firstBandName} -> {firstBandTime}**

**{secondBandName} -> {secondBandTime}**

**…**

**{NBandName} -> {NBandTime}"**

* **"{bandName}**

**=> {firstMemberName}**

**=> {secondMemberName}**

**…**

**=> {NMemberName}"**

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Play; The Beatles; 2584  Add; The Beatles; John Lennon, George Harrison, Ringo Starr  Add; The Beatles; Paul McCartney, George Harrison  Add; The Rolling Stones; Brian Jones, Mick Jagger, Keith Richards  Play; The Rolling Stones; 4239  Start! | Total time: 6823  The Beatles -> 2584  The Rolling Stones -> 4239  The Beatles  => John Lennon  => George Harrison  => Ringo Starr  => Paul McCartney |
| Add; The Beatles; John Lennon, Paul McCartney  Add; The Beatles; Paul McCartney, George Harrison  Add; The Beatles; George Harrison, Ringo Starr  Play; The Beatles; 3698  Play; The Beatles; 3828  Start! | Total time: 7526  The Beatles -> 7526  The Beatles  => John Lennon  => Paul McCartney  => George Harrison  => Ringo Starr |
| Add; The Beatles; John Lennon, Paul McCartney, George Harrison, Ringo Starr  Play; The Beatles; 4569  Play; The Beatles; 2456  Play; Queen; 1250  Add; Queen; Freddie Mercury, Brian May, Roger Taylor, John Deacon  Play; Queen; 6215  Start! | Total time: 14490  The Beatles -> 7025  Queen -> 7465  The Beatles  => John Lennon  => Paul McCartney  => George Harrison  => Ringo Starr |

## JS Examples

The input will be provided as an array of strings.

|  |  |
| --- | --- |
| **Input** | **Output** |
| (["Play; The Beatles; 2584",  "Add; The Beatles; John Lennon, George Harrison, Ringo Starr",  "Add; The Beatles; Paul McCartney, George Harrison",  "Add; The Rolling Stones; Brian Jones, Mick Jagger, Keith Richards",  "Play; The Rolling Stones; 4239",  "Start!"]) | Total time: 6823  The Beatles -> 2584  The Rolling Stones -> 4239  The Beatles  => John Lennon  => George Harrison  => Ringo Starr  => Paul McCartney |
| (["Add; The Beatles; John Lennon, Paul McCartney",  "Add; The Beatles; Paul McCartney, George Harrison",  "Add; The Beatles; George Harrison, Ringo Starr",  "Play; The Beatles; 3698",  "Play; The Beatles; 3828",  "Start!"]) | Total time: 7526  The Beatles -> 7526  The Beatles  => John Lennon  => Paul McCartney  => George Harrison  => Ringo Starr |
| (["Add; The Beatles; John Lennon, Paul McCartney, George Harrison, Ringo Starr",  "Play; The Beatles; 4569",  "Play; The Beatles; 2456",  "Play; Queen; 1250",  "Add; Queen; Freddie Mercury, Brian May, Roger Taylor, John Deacon",  "Play; Queen; 6215",  "Start!"]) | Total time: 14490  The Beatles -> 7025  Queen -> 7465  The Beatles  => John Lennon  => Paul McCartney  => George Harrison  => Ringo Starr |