## 4.Browser History

As input, you will receive **two parameters**: **an** **object and a string array.**

The object will be in format: **{Browser Name}:{Name of the browser}, Open tabs:[…], Recently Closed: […], Browser Logs: […]**. Your task is to fill in the object based on the actions we will get in the array of strings.

You can **open** any site in the world as many times as you like; if you do that add it to the open tabs.

You can **close** only these tabs you have **opened already**! If the current action contains a valid opened site, you should remove it from "**Open Tabs**" and put it into "**Recently closed**", otherwise **don't do anything!**

**Browser Logs** will hold every single **Valid** action, which you did (Open and Close).

There is a **special case** in which you can get an action that says: **"Clear History and Cache".** That means you should **empty the whole object**.

In the end, print the object in the format:

**{Browser name}**

**Open Tabs: {[…]}** // Joined by comma and space

**Recently Closed: {[…]}** // Joined by comma and space

**Browser Logs: {[…]}** // Joined by comma and space

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| {"Browser Name":"Google Chrome","Open Tabs":["Facebook","YouTube","Google Translate"],  "Recently Closed":["Yahoo","Gmail"],  "Browser Logs":["Open YouTube","Open Yahoo","Open Google Translate","Close Yahoo","Open Gmail","Close Gmail","Open Facebook"]},  ["Close Facebook", "Open StackOverFlow", "Open Google"] | Google Chrome  Open Tabs: YouTube, Google Translate, StackOverFlow, Google  Recently Closed: Yahoo, Gmail, Facebook  Browser Logs: Open YouTube, Open Yahoo, Open Google Translate, Close Yahoo, Open Gmail, Close Gmail, Open Facebook, Close Facebook, Open StackOverFlow, Open Google |
| {"Browser Name":"Mozilla Firefox",  "Open Tabs":["YouTube"],  "Recently Closed":["Gmail", "Dropbox"],  "Browser Logs":["Open Gmail", "Close Gmail", "Open Dropbox", "Open YouTube", "Close Dropbox"]},  ["Open Wikipedia", "Clear History and Cache", "Open Twitter"] | Mozilla Firefox  Open Tabs: Twitter  Recently Closed:  Browser Logs: Open Twitter |