# Problem 4 – Movie Time

Sam and his wife are finally on the plane and they’re about to watch a movie and relax during the flight. But first, Sam needs to overcome one last obstacle – picking the movie.

After all the trouble they’ve gone through so far, his wife has become very irritable and he has to tread carefully. He needs your help to **sort** **all** the **available** **movies** properly and pick **the** **best** **one** **according** to his **wife’s** **preferences**.

You will be given information about his wife’s favorite **movie** **genre** and whether she prefers **short** or **long** movies.

Then, you will receive information about **all** the **movies** Sam can **choose** **from**.

Due to her current mood, his wife still **might** **not** **like** the **best** **movie** according to her **preferences**, so you will **have** to **keep** **offering** **her** **movies** in her **favorite** **genre**, **ordered** **by** their **timespan**, until she agrees to one. If 2 movies have the same duration, order them **alphabetically**.

## Input

* On the **first line**, you will receive Sam’s wife’s favorite genre
* On the **second** **line**, you will receive either “**Short**” or “**Long**”, indicating her favourite movie duration preference
* On **each** of the **following** **lines**, until you receive “**POPCORN**!”, you will receive information about a **movie** in the format: “{name}|{genre}|{duration}”
* The duration will be in the format “**HH:mm:ss**”. Keep in mind that this format is different for the **TimeSpan** class in C#.

## Output

* After receiving the “**POPCORN**!” command, you need to keep printing information about the **next** **best** **movie** in the chosen favourite genre, until you receive “**Yes**” as an answer. Print the movies in the format: “{name}”
* After you receive the “**Yes**”, print on 2 lines:
  + Information about the **chosen** **movie** in the format:  
    “We're watching {chosenMovie} - {chosenMovieDuration}”  
    Duration should be in the same format as received.
  + Information about the **summed** **duration** of **all** **available** **movies** in the format:  
    “Total Playlist Duration: {totalPlaylistDuration}”  
    Duration should be in the same time format as above.

## Constraints

* There will **always** be at least **one** movie in the input
* Sam’s wife will **always** agree to a movie before you run out movies from her favorite genre
* The **total** **playlist** **duration** will **never** be more than **23:59:59**

## Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Drama  Short  Pick This|Drama|00:12:25  Incorrect Genre|Not Drama|01:35:35  Don't Pick This|Drama|01:01:01  Skip This|Drama|00:00:01  POPCORN!  Nope  Yes | Skip This  Pick This  We're watching Pick This - 00:12:25  Total Playlist Duration: 02:49:02 |
| Horror  Long  IT|Horror|01:57:34  Friday the 13th|Horror|01:35:43  Big Sad Drama|Drama|02:04:06  Some Stupid Comedy|Comedy|00:35:35  Very Long Horror Movie|Horror|03:06:09  POPCORN!  Nah  Yes | Very Long Horror Movie  IT  We're watching IT - 01:57:34  Total Playlist Duration: 09:19:07 |
| Comedy  Short  IT|Horror|01:57:34  Funny Movie|Comedy|01:37:46  Friday the 13th|Horror|01:35:43  Big Sad Drama|Drama|02:04:06  Some Stupid Comedy|Comedy|00:35:35  Some Stupid Comedy 2|Comedy|00:49:49  Funny Movie 2|Comedy|01:38:12  Funny Movie: New LOL|Comedy|01:44:00  Funny Movie 3|Comedy|01:46:12  Funny Movie 4|Comedy|01:46:12  POPCORN!  No, thanks  Not that one  No  Uhh, maybe?  Nope  Yes | Some Stupid Comedy  Some Stupid Comedy 2  Funny Movie  Funny Movie 2  Funny Movie: New LOL  Funny Movie 3  We're watching Funny Movie 3 - 01:46:12  Total Playlist Duration: 15:35:09 |