## Total Playtime by Genre

The input is song name, singer name, genre, and time of the song. Your task is to implement a program which receives genres of songs as input then calculates total playtime of all genres and displays the top 3 longest genres of songs.

## Input

The first line is number of songs.

The next lines are filled with name, singer-name, genre and time of the song as in examples.

## Output

3 longest genres of the songs with their total playtime sorted from large to small. One line per genre. If there are less then 3 genres, show them all. Hint: assume that total time are different for all genres.

## Example

Input (from keyboard)	Output (on screen)
9	Rock> 15:24
Shake It Off, Taylor Swift, Pop, 3:39	Pop> 14:45
Rolling In The Deep, Adele, Pop, 3:48	Country> 4:02
Chandelier, Sia, Pop, 3:36	
Roar, Katy Perry, Pop, 3:42	
Hotel California, Eagle, Rock, 6:30	
We Are the Champions, Queen, Rock, 2:59	
Hello Dolly, Louis Armstrong, Jazz, 2:27	
Bohemian Rhapsody, Queen, Rock, 5:55	
Coward of the County, Kenny Rogers, Country, 4:02	