Problem 32: Muddled Music

Difficulty: Medium

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Problem Background

When your parents wanted to organize their music collection or find a particular song, they would have to dig through piles of cassette tapes, compact discs, or even vinyl records. What a nightmare! Luckily for you, almost everyone has their music stored digitally these days. Finding songs can be a snap – if your music is organized!

Problem Description

Your task is to write a program that will read in a list of song – artist pairs and organize them. You will organize them alphabetically by artist, then song title.

Sample Input

The first line of your program's input, received from the standard input channel, will contain a positive integer representing the number of test cases. Each test case will include:

- A positive integer **N** representing the number of song – artist pairs that will follow.
- **N** lines, each containing a song – artist pair. The song name will be first followed by a single space, a dash, another single space, and then the artist name.

```
2
5
Hello - Adele
Yesterday - The Beatles
Love Me Like You Do - Ellie Goulding
Hey Jude - The Beatles
Istanbul - They Might Be Giants
4
Red Hands - Walk Off The Earth
Speeches - Walk Off The Earth
R.E.V.O. - WOTE
Sometimes - Walk Off The Earth
```

Sample Output

Your program should sort the song – artist pairs by the name of the artist first, then by the song title second. If the name of the artist starts with the word "The", then ignore that for the purposes of your sorting. Your program should output the sorted list with one song – artist pair per line.

```
Hello - Adele
Hey Jude - The Beatles
Yesterday - The Beatles
Love Me Like You Do - Ellie Goulding
Istanbul - They Might Be Giants
Red Hands - Walk Off The Earth
Sometimes - Walk Off The Earth
Speeches - Walk Off The Earth
R.E.V.O. - WOTE
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