## Football Cards

*Most football fans love it for the goals and excitement. Well, this problem doesn't. You are to handle the referee's little notebook and count the players who were sent off for fouls and misbehavior.*

The rules: **Two teams**, named "**A**" and "**B**" have **11 players** each. The players on each team are **numbered** from **1 to 11**. Any player may be **sent off** the field by being given a **red card**. If one of the teams has **less than 7 players** remaining, the game is **stopped** immediately by the referee, and the **team with less than 7 players loses**.

A **card** is a **string** with the **team's letter** (**'A' or 'B'**) followed by a **single dash** and **player's number**. **e.g.** the card **'B-7'** means player **#7** from team **B** received a **card**.

The task: Given a list of cards (could be empty), return the number of **remaining players** on **each team** at the **end of the game** in the format: **"Team A - {players\_count}; Team B - {players\_count}".** If the game was terminated print an additional line: **"Game was terminated"**

***Note for the random tests***: If a player that has already been sent off receives another card - ignore it.

### Input

The input (the cards) will come on a **single line** separated by a **single space.**

### Output

Print the remaining players as described above and add another line (as shown above) if the game was terminated.

### Example

|  |  |
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| **Input** | **Output** |
| A-1 A-5 A-10 B-2 | Team A - 8; Team B - 10 |
| A-1 A-5 A-10 B-2 A-10 A-7 A-3 | Team A - 6; Team B - 10  Game was terminated |