

Texas Hold'em

Input File: poker.txt

You are playing a game of Texas Hold'em poker against your friend. There are five cards on the flop and you and your friend both have two cards in hand. You know that you have a pair or a triple, but need to find what is the highest pair or triple you have in a hand of seven cards. In Texas Hold'em, 2 is the lowest card and ace is the highest. Find the highest pair you have in a hand of five cards, or the highest triple if it exists.

Input:

The first line represents the number of lines to follow. Each line contains the sequence of seven cards you have in your hand and on the flop, separated by a space.

A - Ace
K - King
Q - Queen
J - Jack

Output:

Output the highest pair from the seven cards. If a pair and a triple exists in your hand of seven cards, the triple supersedes the pair and is therefore the only value outputted.

Example Input:

```
2
10 10 9 9 A J K
Q 2 J Q J Q A
```

Example Output:

```
10 10
Q Q Q
```