

Poke-Poke

Samuel is a famous poker player. One day he found a interesting **5-card poker game** which is played by a deck of 52 cards. Nothing strange here, except that the **cards have no suit (color)**. Samuel decided to start playing this game, but he needs a program to show him the best hand that he has. Write a program to help Samuel. The program should read the cards and check each of the following conditions and display one of the messages:

- If the five cards are equal, the program outputs "Impossible", otherwise:
- if four of them are equal, the program outputs "Four of a Kind", otherwise:
- if there are three equal and the another two are also equal (example: '2', '2', '10', '10', '2'), the program outputs "Full House", otherwise:
- if the five are consecutive (example: '2', '3', '4', '5', '6'), the program outputs "Straight", otherwise:
- if three of them are equal, the program outputs "Three of a Kind", otherwise:
- if two pairs contain respectively equal numbers (example 'A', 'K', 'A', 'K', 'J'), the program outputs "Two Pairs", otherwise:
- if only two cards are equal, the program outputs "One Pair", otherwise;
- the program outputs "Nothing".

Cards are given with one of the following strings '2', '3', '4', '5', '6', '7', '8', '9', '10', 'J', 'Q', 'K' or 'A' (without the quotes). The combination of '10', 'J', 'Q', 'K' and 'A' are considered as a consecutive card. Note that 'A', '2', '3', '4' and '5' are also consecutive cards so your program should output "Straight" in this case.

Input

- The input data should be read from the console.
- You will be given exactly 5 lines with one card per line.
- The input data will always be valid and in the format described. There is no need to check it explicitly.

Output

- The output data should be printed on the console.
- The standard output has to display an appropriate message with the exact letters case.

Input	Output
2 7 A J K	Nothing

Input	Output
4 2 A 3 5	Straight
Input	Output
8 J J 8 8	Full House