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## Poker hand

V43542\_en

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Write a **function** that given 3 Poker cards returns a description (a `string`) of the hand they represent. The description must be one of the following four possibilities: "Trio of Aces!", "Trio", "Pair", or "All cards different".

The cards are one of the following 13 characters: A, 2, 3, ..., 9, 0, J, Q, K. There are two characters worth explaining: the card A is the Ace and represents 1, as in normal decks, and the digit 0 represents 10, to simplify reading.

The function header is, exactly:

```
/**
 * @pre c1, c2, c3 in {A, 2, 3, ..., 8, 9, 0, J, Q, K}
 * @post Returns "Trio of Aces!", "Trio", "Pair", or
 *         "All cards different" according to c1, c2, and c3.
 */
string poker_hand(char c1, char c2, char c3);
```

## Observation

You only need to submit the requested function; the main program will be ignored.

## Problem information

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