A poker deck contains 52 cards. Each card has a suit of either clubs, diamonds, hearts, or spades (denoted C, D, H, or S in the input data). Each card also has a value of either 1 through 10, jack, queen or king (denoted A, 2, 3, 4, 5, 6, 7, 8, 9, T, J, Q, K). For scoring purposes card values are ordered as above, with A having the lowest and K the highest value. The suit has no impact on value.

A poker hand consists of five cards dealt from the deck. See following table.

- **Pair**: Two of the five cards in the hand have the same value.
- **Two Pairs**: The hand contains two different pairs.
- **Triple**: Three of the five cards in the hand have the same value.
- **Straight**: Hand contains five cards with consecutive values.
- **Flush**: Hand contains five cards of the same suit.
- **Full House**: Three cards of the same value, with the remaining two cards forming a pair.
- **Straight Flush**: Five cards of the same suit with consecutive values.

**Score Rules**: Straight Flush > Full House > Flush > Straight > Triple > Two Pairs > Pair

Your job is to compare several pairs of poker hands and to indicate which, if either, has a higher score. If no pair in the poker hand, no score is in that. And if two scores are same, you must decide that game is tie game!

**Input**
The Input file contains several lines, first line containing the number of rounds and each remained lines containing the designation of ten cards: the first five cards are the hand for the player named “Black” and the next five cards are the hand for the player named “White”.

**Output**
For each line of input, print a line containing one of the following:
Black wins.
White wins.
Tie.