2 Poker Probability

You were invited to a poker game in the Renegade Building on Chapel Drive, where the hosts offer prize money for the first three places. A standard 52 card deck is used; no wild cards are allowed. You are new to Poker, you have no idea how the game works; however, you took probability classes during the semester.

So, you came up with a method to calculate the probabilities of getting the upper hand before you start playing the game.

You must write a program that calculates the probabilities of each of the 10 players' hand, and display the first three places of the player who might get the first, second, and third highest hands.

2.1 Input

The input consists of 10 arrays (each line is an array, also known as a 'player') and 5 random card in each array. Note that each line represents 1 player in the sample input. First line = player 1 and so on.

2.2 Output

The output consists of the array (player) number that won and the Highest-hand they won with. Must also output 'Players' and 'Highest-Hand'. In the sample output, '7' '8' and '9' are the 'Players' and 'Three of a Kind' is the 'Highest-Hand'.

2.3 Sample Input/Output

Sample Input	**Sample Output**
1 14 27 40 2	Players Highest-Hand
3 16 29 42 4	7 Three of a Kind
5 18 31 44 6	8 Three of a Kind
7 20 33 46 8	9 Three if a Kind
9 22 35 48 10	
11 24 37 50 12	
13 26 39 51 2	
1 15 28 41 3	
2 17 30 43 5	
4 19 32 45 7	

Note: You don't need to set up the table depicted in the sample output.