

Question 4: Algorithm

1. Start
2. ~~Input a, b, c~~
2. Ask the user for the input of five numbers. (a, b, c, d, e).
3. If the numbers are between 1-13 inclusive:
4. Initiate firstrank = a, firstcount = 1, secondrank = 0, and secondcount = 0.
5. Now compare b to firstrank. If b is equal to firstrank, increment firstcount by 1. Else set secondrank to b and increment secondcount by 1.
6. Compare ~~b~~ c to firstrank and secondrank. If it is equal to any, increment its respective count.
7. If it is not equal to firstrank and the value of secondrank is still zero then set secondrank to c, and increment secondcount by 1.
8. Repeat this process for d and e.

- a. If firstcount is equal to 2 and secondcount is equal to 3 or viceversa, print it's a full house
- b. Else print it is not a full house.
- c. End.