Anagrams Code:

Here there is a list of words which can be anagrams. You need to pair up the words which are anagrams.

Current implementation parses each word and forms a map of character and its frequency. It then forms a map of word to its character map.

Another good approach is to use array. It is always o(1) to look up when using arrays. So, each index 0-25 can form indexes corresponding to a-z and value at that index can represent frequency. You can always compare 2 arrays. You can compare 2 arrays then.

Also, one good approach could be to find the hash of each array using MD-5 or SHA-1 and then compare their hashes. It will be efficient for comparison part.