

Create solution for the following tasks. Writing unit tests will be part of your afternoon lab work. However, if you want an extra challenge, try TDD.

1. Given a list of words (strings) return the 3 most common and the 3 least common words. Optional, read the words from a file.
2. Write a method that returns true if a string is a palindrome ( a word, phrase or sequence that reads the same backwards as forwards – i.e. madam or nurses run)
3. Write a method that can determine whether a string is made up from unique characters. Optional, write a version that doesn't use additional data structures)