Quiz 5/ Version 1

Create a class called Test. It has a main() method in which the following must happen. Create an arrayList that can hold ten strings called "advice" . Then add in the following strings:
 "use a partner", "get rest", "work hard", "have fun", and "start now".

Use a for loop (NOT for-each loop) to iterate through the array, and add each of the array elements IN UPPERCASE to an ArrayList, but only if it contains the letter "a".

Then use an Iterator to iterate through the ArrayList and create a HashMap; the values are the ArrayList's contents and each key is the first letter of the string (e.g., "u" → "use a partner", "w" → "work hard", etc.).

Then create a set of keys from the Map. Use a for-each loop to iterate through the keys and print each map value in lowercase.

Use all of the best practices that we use in class and make sure your code handles null values properly.
 (10 marks)

Quiz 5/ Version 2

Create a class called Test. It has a main() method in which the following must happen. Create an **array** that can hold ten strings called "advice" .Then add in the following strings:
 "use a partner", "get rest", "work hard", "have fun", and "start now".

Use a for loop (NOT for-each loop) to iterate through the ArrayList, and add each of the ArrayList elements IN UPPERCASE to an array that you declare, but only if it does not contain the letter "w".

Then use a for-each loop to iterate through the array and create a HashMap; the values are the array's contents and each key is the first letter of the string (e.g., "u" → "use a partner", "g" → "get rest", etc.).

Then create a set of keys from the Map. Use an iterator to iterate through the keys and print each map value in lowercase.

Use all of the best practices that we use in class and make sure your code handles null values properly.
 (10 marks)