Offline Questions:

1. Say that you're establishing ideas for a party.
   You poll your friends, and they all suggest many different ideas, but some of them suggest the same ideas.

   Say they send texts to a machine that can process and separate all of the individual ideas.

   Create two different techniques that the machine can use to make sure that the list has no duplicates.

   Put the ideas in an array. Before putting a new idea in the array, it will go through an enhanced for loop checking if the new idea is identical to an idea in the array.

   Sort the array in alphabetical order. If the following value in an array is the same as the previous value, then it is removed from the array. Else, check the next value.

2. In a previous lab, you made a program check for bad words in a string.

   What would you do if people were clever and got around the censorship by putting words within other words, or baiting you with one bad word to sneak in another?
   - I would fix the problem if people were being clever and putting words within words.

   For example, if you delete a bad word 'apple' from this String

   Peapplear

   And if you removed the 'apple', you'd end up with the word 'pear'. If pear also happened to be a bad word, then the message actually used your censorship to sneak in a bad word!

   And even worse!

   AppPeapplearle

   Even if you double checked, you may encounter problems. And if the people trying to get words past your Censorship program appear, they might have even more complicated

combinations of bad words.

Describe a solution to this problem of ‘nested bad words’.
- You can put in a while loop for the string until there are no bad words.

Scribe: Are there any todos? Is there any code commented out?
N/a

Scribe and Driver: Read the requirements of the code below. Use them to understand how to program the class. Additionally, the code provided to you will have some code written in, some comments written, and various other ‘traces’ of a previous author. You may choose to implement their work, or to ignore it.

Scribe: Ask the driver to find out how many methods are already implemented. Write down that number.

7