“Reverse” Vocabulary!
As the material in this course becomes more and more abstract, the concepts become harder to grasp quickly. Instead of trying to guess the difficult concepts, we want you to provide us with the terms or concepts you don't think you understand yet, and provide your current definition or understanding of the term or concept to clear any misconceptions or affirm your knowledge. Your answers can be either specific vocabulary terms or more general ideas. We'll try to address some of these concepts and/or terms in this and future exercises.

Designing Assignment #4 Hangman: As a group, answer the following questions.

Understanding the Problem – Problem Analysis
- Do you understand how to play hangman? Provide an example play for winning and losing!!!
- Do you know what it means to ignore case in the message? How are you going to do this?
- Do you understand all your inputs and outputs for this program?
- Do you understand how to use just strings in this program? How might you use two strings to help with this? What C++ built-in string functions will you use? Refer to the documentation: http://www.cplusplus.com/reference/string/string/?kw=string

Design – Give as much detail as possible based on how you answered the questions above.
- List the functions you will need, e.g. get_message(), determine_winner(), etc.
- What is the description, the pre-conditions, post-conditions, and return values of your functions?
- How will these functions interact with each other? Which functions will call which functions?
- What will the pseudo-code/algorithmm look like for each of these functions?

Testing – Develop the test plan for your Assignment #4 Hangman
- What will bad input look like? What will good input look like?
- What are the expected results from the bad input? Good input?

For take-home exercises completed in peer-led groups, each student must participate and write answers to each of the questions on his/her own paper to show for credit. Your 1-2-3 grade will be based on the completion/understanding shown on your own piece of paper shown to your TA for a grade before leaving the group session!!!

For take-home exercises completed on your own, turn in your work electronically using the TEACH website!!!