**Project Instructions**

For each project you MUST include the following requirements:

1. All code should be thoroughly commented
2. The program should display instructions to the user.
3. The program should allow the user to “ play again” without having to restart the program

**4. Hangman Game**

Create a program that selects a random word and then allows the user to guess it in a game of hangman.

Requirements:

* The program should print the number of letters in the word
* a part of the body should be added each time the user guesses a letter than is not in the answer (you may choose how many wrong turns the user can make until the game ends).
* If the user loses, print out the word at the end of the game.
* Create a "give up" option.

Bonus:

Instead of printing out the number of letters for the word, create a blank spot for each letter which is replaced with the correct letter if they guess correctly.