# Homework #5

Due Thursday, April 16, 2009

1.      Write a Perl program to implement a basic version of Hangman.

**Game Objective**:  To correctly guess the mystery phrase one letter at a time without exceeding 7 incorrect guesses.

**Game Play**:

a.  The program randomly chooses a mystery phrase from an input file.  The name of this input file is specified as a command line argument to the program.

b.  The program displays a dash for each letter in the mystery phrase.

c.  The player guesses a letter that might be in the mystery phrase.

Each correctly guessed letter results in all occurrences of that letter being revealed.

Each incorrectly guessed letter results in the number of total incorrect guesses being reduced.

d.  Play continues by guessing letters until either:

All letters in the mystery phrase are guessed, and the player wins.

The number of incorrect guesses exceeds 7, and the player loses.


Note:  At each step, the program should remind the player of letters already guessed, and the number of allowed incorrect guesses remaining.