# Chris Wells Hangman Outline

* Setup variables
* Randomly choose the word that the user must guess from a list of four different six letter words (all uppercase)
* Print out what the theme of the words is
* Begin main while loop to keep program running while there is either guesses left or the word has not been fully guessed, if both conditions are not met then the loop is ended
  + Print out the letters that have already been guessed in the word and “\*” in place on un-guessed letters
  + Print out all of the letters that the user has already guessed
  + Print out the number of incorrect guesses remaining
  + Request a letter from the user
  + Convert the entered letter into an uppercase letter
  + Compare the entered letter to all of the letters in the word
    - If the entered letter has already been entered
      * Print out that the number has already been guessed
      * Decrease the remaining incorrect guesses by one
    - Else, if the entered letter matches any of the letters in the word
      * Reveal each matching letter
      * Print out the number of times the entered letter that appeared in the word
    - Else, if the entered letter does not match any of the letters in the word
      * Print out that the entered letter is not in the word
      * Decrease the remaining incorrect guesses by one
  + If the word has been entirely guessed or the user has run out of incorrect guesses remaining
    - Exit the main while loop
* If the user correctly guessed the word
  + Print that the user has guessed the word
  + Print the word
* Else, if the user ran out of incorrect guesses
  + Print that the user did not guess the word
  + Print the word
* End the program