

CSCI 212

Fall 2021

Final Exam

Your assignment is to write the hangman game. Write a program that will read from a random word from a text file (dictionary.txt) containing English words (one word per line). Continue to ask the user for a letter until the user has either guessed all the letters in the word, or until the word H-A-N-G-M-A-N has been completely filled out, whichever comes first. After each guess, print out the letters correctly guessed and the letters in H-A-N-G-M-A-N opened as a consequence of missed guesses. Each time that a missed guess was made, print out the text ">>>>>>>Buzzer sound<<<<<<<<". Also, keep an array of letters already guessed and print them out at each move.

Example:

In file *dictionary.txt*:

computer

program

...

Suppose the word "program" was randomly selected.

Guess your next letter >> p

p - - - - -

- - - - -

Missed letters:

Guess your next letter >> g

p - - g - - -

- - - - -

Missed letters:

Guess your next letter >> z

>>>>>>>Buzzer sound<<<<<<<<

p - - g - - -

H - - - - -

Missed letters: z

Guess your next letter >>x

>>>>>>Buzzer sound<<<<<<<<

p - - g - - -

H A - - - - -

Missed letters: z x

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