

Function instructions

Description: To show instructions of the word game

Function inputName (NOT USED)

Description: Function to get name input not sure how to implement to main hence left here

@param A[50] - Limits the amount of characters inputted to 50

Function Dictionary

Description: Function to store all strings in Dictionary to a 2d array, to allow storing of strings to Hints_database function

@param String10 dictparam[] - 2d array that has an n number of elements each limited to 120 characters

Function Word_database

Description: Function to store words from WORDS.txt to a 2d array

@param String10 WordList[] - 2d array that has an n number of words each limited to 10 characters

Function random_word_database

Description: Function to randomize getting of three 2d arrays, specifically the words, hints, and placeholder for the words.

Three of the arrays are included in the parameters so that their corresponding indexes will be the same (to provide convenience).

@param String10 RandList[] - 2d array that has an n number of words each limited to 10 characters

@param String10 WordList[] - 2d array that has an n number of words each limited to 10 characters

@param String100 HintsList[] - 2d array that has an n number of words each limited to 10 characters

@param size - All of the 2d arrays have the same total strings, hence size here represents their total number of rows.

Function Hints_database

Description: Function to store hints of the words from Hints.txt to a 2d array

@param String100 HintList[] - 2d array that has an n number of words each limited to 100 characters

Function jumbler (NOT USED)

Description: Function to randomize a string based on the selection sort

@param String10 Word - An array that takes in a string of upto 10 characters

@param size - The total number of characters in the string taken

Function sjumbler

Description: Function to randomize a string based on the rand function

@param String10 Word - An array that takes in a string of upto 10 characters

@param size - The total number of characters in the string taken

Function top_scorers

Description: Function to get the top scorers based on the parameter count(which is 5 since the program is supposed to take top 5)

@param Data players[] - An array of structure for the tag Data, in order to be able to access and manipulate the data inside it

@param count - The total number of valid players that played the game

Function Player_database

Description: Function to "write" and print all the players and their corresponding scores in a txt file called "Player_database.txt"

@param Data temp[] - An array of structure for the tag Data, in order to be able to access the data inside it

@param size - The total number of valid players that played the game

Function duplicate_checker

Description: Function to remove the indicated index and move all the data in the array accordingly to fill in the removed index

@param Data temp[] - An array of structure for the tag Data, in order to be able to access the data inside it

@param size - The total number of valid players that played the game

@param removed_index - Number index that was removed from the array struct Data

Function top5_database

Description: Function to "write" and print all the top 5 players and their corresponding scores in a txt file called "Top_5.txt"

@param Data temp[] - An array of structure for the tag Data, in order to be able to access the data inside it

@param size - The total number of valid players that played the game