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Assignment Title: Individual Programming 3 Part 2

**Summary of how the program should run:**

1) create a dictionary from a vocabulary list

2) if the user enters a file name that does not exist, catch the error and re-prompt

for the correct file name

3) read in existing dictionary file

4) term is the key; definition is the value

5) ask user if they would like to add additional terms and definitions,

6) and how many if Y is the response

7) if a duplicate term is entered notify the user and ask if the users would like to

update the definition BEFORE asking for the definition

8) end by printing the list of terms and definitions before asking the user for a

file name to save the new dictionary. \*\*DO NOTE write over the original

unless enterd by the user.

9) save as text (txt) file, tap separated

**List of changes made to the original assignment:**

10) ask Y or N about writing out a new file

11) delete a term from the dictionary file

**Examples of the program (please also upload any attachments necessary):**

Please enter a vocabulary file: **vocablist.txt**

There are 11 terms in this vocabulary list:

Would you like to add more items Y/N: y

How many new terms would you like to add? **1.5**

Please enter a positive integer!

How many new terms would you like to add? **-4**

Please enter a positive integer!

How many new terms would you like to add? **2**

Term: **IDLE**

Definition: **Integrated development environment**

Term: **if**

Definition: Conditionally executes a block of code

Would you like to add more items Y/N: **n**

all done

term - definition

break - Used to exit a for loop or a while loop.

continue - Used to skip the current block, and return to the "for" or "while" statement

dictionary - A mutable associative array (or dictionary) of key and value pairs.

float - An immutable floating point number.

immutable - Cannot be changed after its created.

int - An immutable integer of unlimited magnitude.

pass - Needed to create an empty code block

set - Unordered set, contains no duplicates

string - Can include numbers, letters, and various symbols and be enclosed by either double or single quotes

while - Executes a block of code as long as its condition is true.

IDLE - Integrated development environment

if - Conditionally executes a block of code

Would you like to save the file as (enter a file name): **vocablist2.txt**

**Errors that will crash the program or cause illogical problems:**

The original doesn’t give the option to not save a file so the only way to break out is with Cntl-C

**Additional examples or other comments/notes:**

Example with **Delete** option and not saving the final file.

Please enter a vocabulary file: **vocablist3.txt**

There are 11 terms in this vocabulary list:

term - definition

break - Used to exit a for loop or a while loop.

continue - Used to skip the current block, and return to the "for" or "while" statement

dictionary - A mutable associative array (or dictionary) of key and value pairs.

float - An immutable floating point number.

immutable - Cannot be changed after its created.

int - An immutable integer of unlimited magnitude.

pass - Needed to create an empty code block

set - Unordered set, contains no duplicates

string - Can include numbers, letters, and various symbols and be enclosed by either double or single quotes

while - Executes a block of code as long as its condition is true.

Would you like to delete an item Y/N: **y**

What term would you like to delete from the dictionary: **float**

float deleted from the dictionary.

Would you like to delete an item Y/N: **n**

N

There are 10 terms in this vocabulary list:

Would you like to add more items Y/N: **n**

all done

term - definition

break - Used to exit a for loop or a while loop.

continue - Used to skip the current block, and return to the "for" or "while" statement

dictionary - A mutable associative array (or dictionary) of key and value pairs.

immutable - Cannot be changed after its created.

int - An immutable integer of unlimited magnitude.

pass - Needed to create an empty code block

set - Unordered set, contains no duplicates

string - Can include numbers, letters, and various symbols and be enclosed by either double or single quotes

while - Executes a block of code as long as its condition is true.

Do you want to save an output file? Y/N:

Done