Exe: expand\_literature

Input: book, literature, dictionary, missing-words

Output: (list of words not found in the word-list).csv

# add a book to the literature.

# update the frequency field in dictionary for existing entries

# if missing-words is not an empty list, run add-to-wordlist

# if missing-words is an empty list, the dictionary is up-to-date, and update phonotactic properties

Exe: expand\_dictionary

Input: dictionary, cmu-dictionary, literature, missing-words.csv

Output: missing-words.csv

# add new entries if non-existing

# if missing-words is not an empty list, fix the output file and run the program again

# if missing-words is an empty list, the dictionary is up-to-date, and update phonotactic properties and neighborhood

#####################################################################################

**literature**

book = {

Title

First author

Age (ppk, pk, k, 1, 2, 3)

List of {word,frequency} pairs

}

**dictionary**

Up-to-date (yes/no)

Word = {

word

Arpabet (with lexical stress)

Morphemes

Content/function

frequency

Syllables (derived from Arpabet)

Positional segment average

Biphone average

{Neighborhood}

}

**tests:**

essay = {

T-ID

Title

First author

Essay

List of questions:

{

Question

Choices

Answer

{

Choice/score (choice for multiple choice/full score for short response)

Textural evidence

Standard

}

}

}

Students

{

S-ID

Social-eco

Grade

Gender

Ethnicity

Multi-lingual

}

Assessments:

{

S-ID

T-ID

A list of answers/scores

}