HW 2

HW2 is less challenging than HW1 in general. I had some trouble in writing the command line arguments for fairseq train, because some of the arguments needed do not seem to be listed in the documentation. I need to take a look at the source code for encoder and decoder of LSTM model in order to write all the required arguments (it's fun actually).

I am also a little bit confused about the word error rate. Since there are only 100 samples and the word error rate is calculated by the number of wrongly predicted IPA transcriptions of words divided by the total 100 samples of words, how can a word error rate have to be rounded to integer after multiplying by 100? Could we just count the number of wrong words and report it as WER?

My second script to count the word error rate, the wer.py, has some hard coding in it. I just manually checked the predictions.txt and wrote the script knowing which part of file containing the transcriptions. I am sure there should be some smarter way of finding the transcription (maybe with regular expression).