

HW7

1. After your model predicts the probability of answer span start/end position, what rules did you apply to determine the final start/end position? (the rules you applied must be different from the sample code)
 - (1) Add limit $\text{start_index} < \text{end_index}$
 - (2) $\text{end_index} - \text{start_index} < 40$ in order to make sure that the answer is probable.

2. Try another type of pretrained model which can be found in [huggingface's Model Hub](#) (e.g. BERT -> BERT-wwm-ext, or BERT -> RoBERTa), and describe
 - the pretrained model you used
 - performance of the model you used
 - the difference between BERT and the pretrained model you used (architecture, pretraining loss, etc.)

Model : Chinese-bert-wwm-ext

Performance: both pretraining loss and downstream task performance (which is this HW) is slightly better than BERT

Architecture difference: wwm means whole word masking, its improvement is to assure that a whole word but not only a single character in a word is masked.