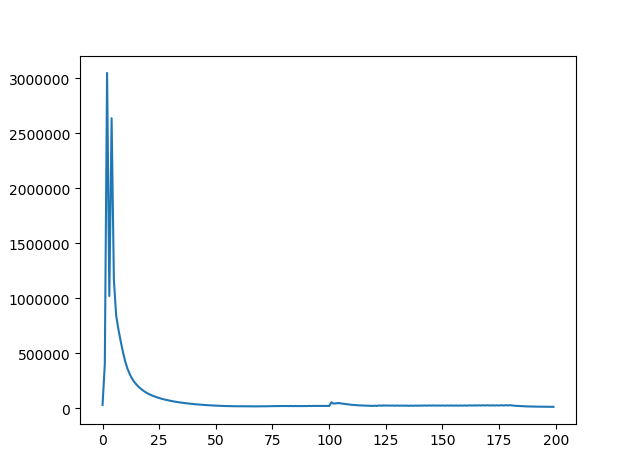
1． Transfer Learning

Validation Accuracy1: 0.947712

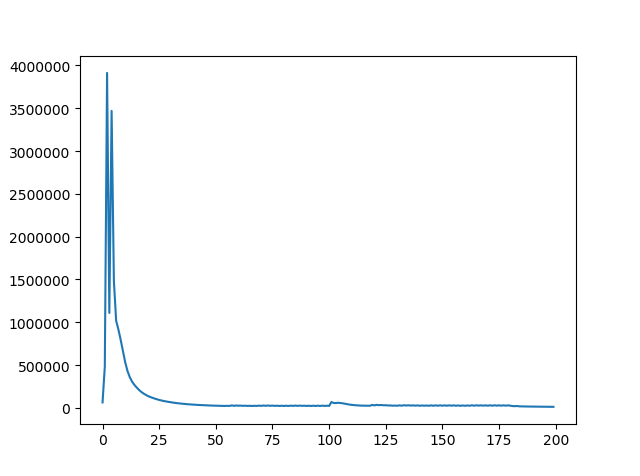
Validation Accuracy2: 0.960784

2. Style Transfer

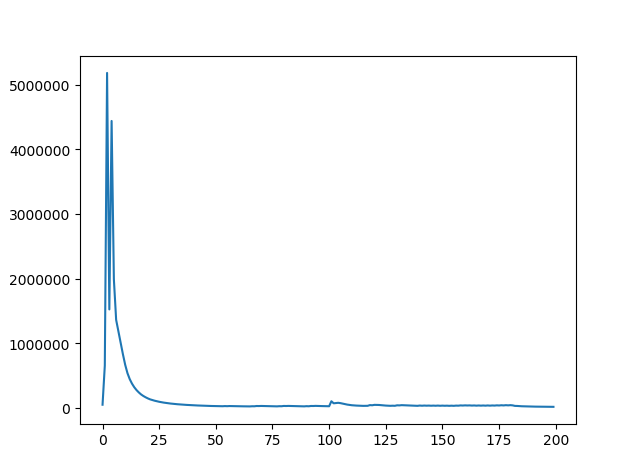


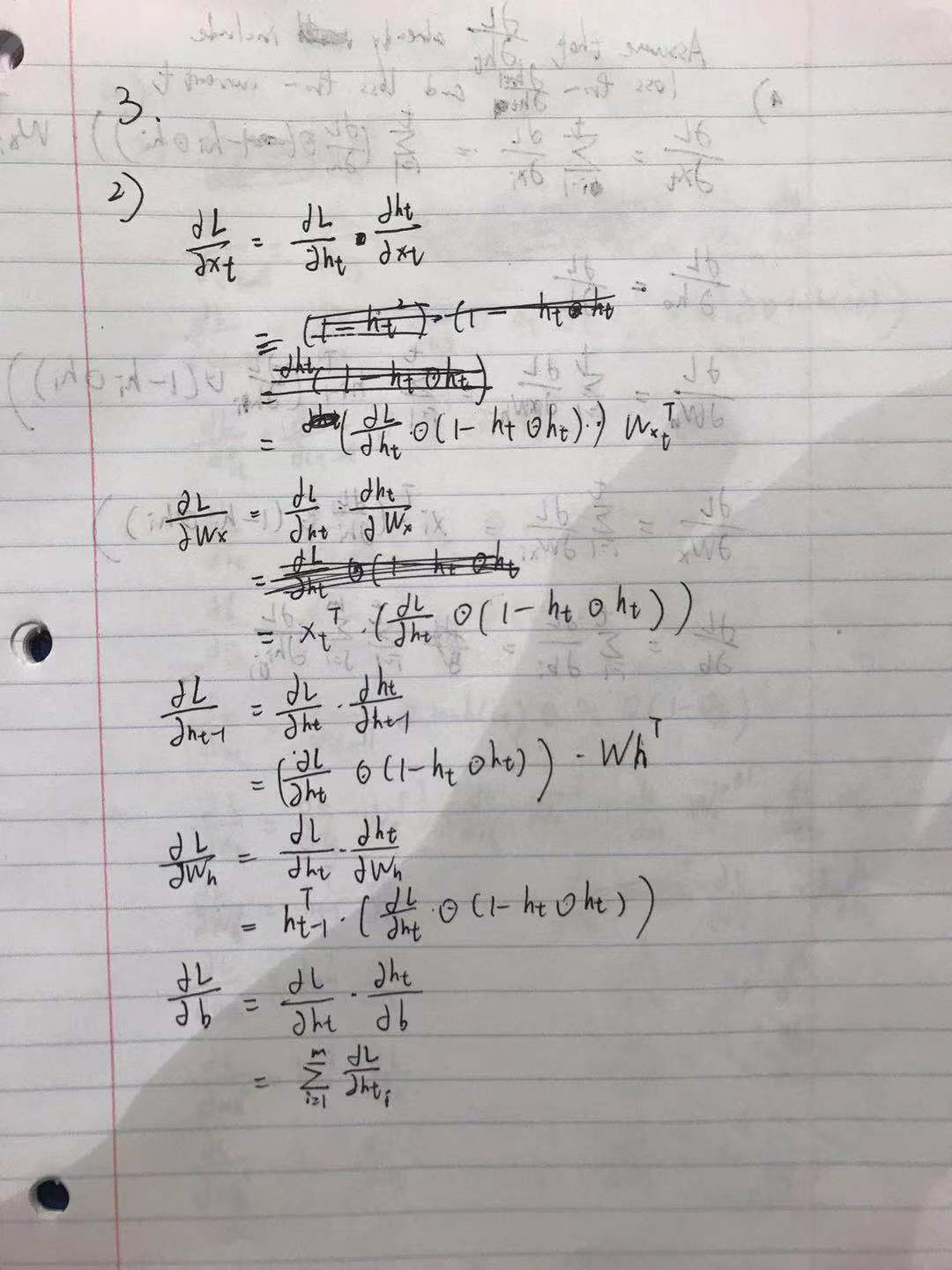


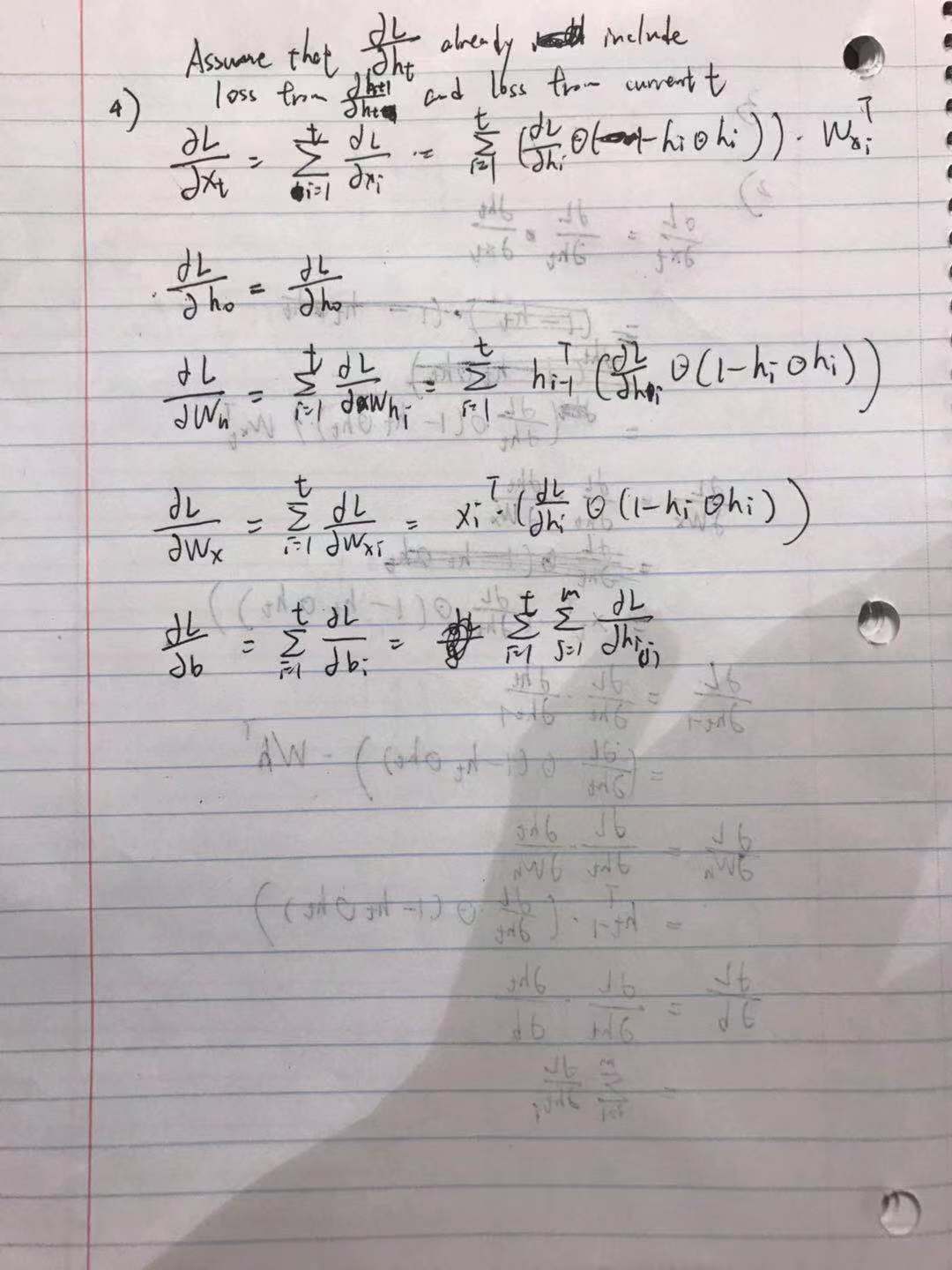


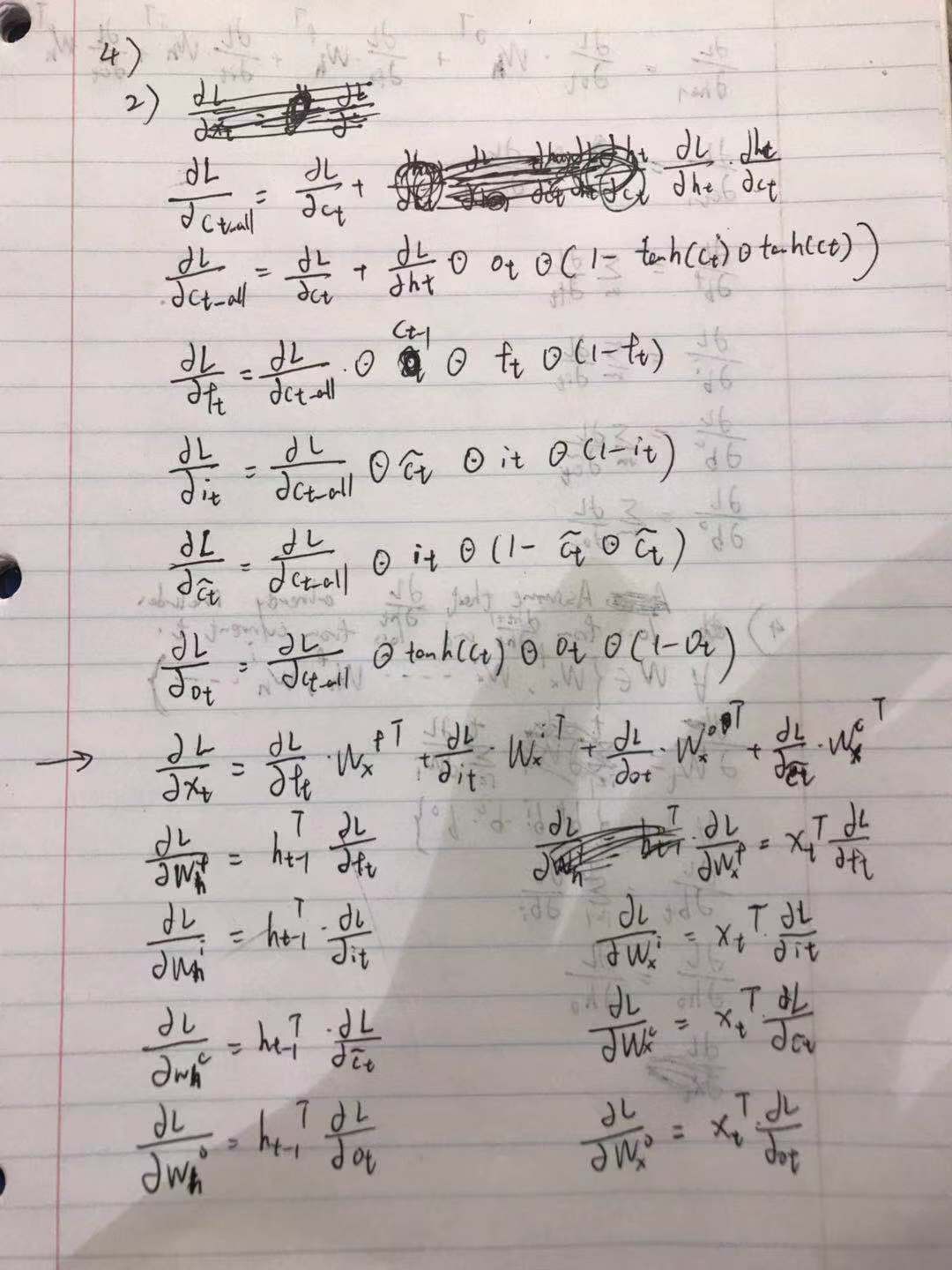


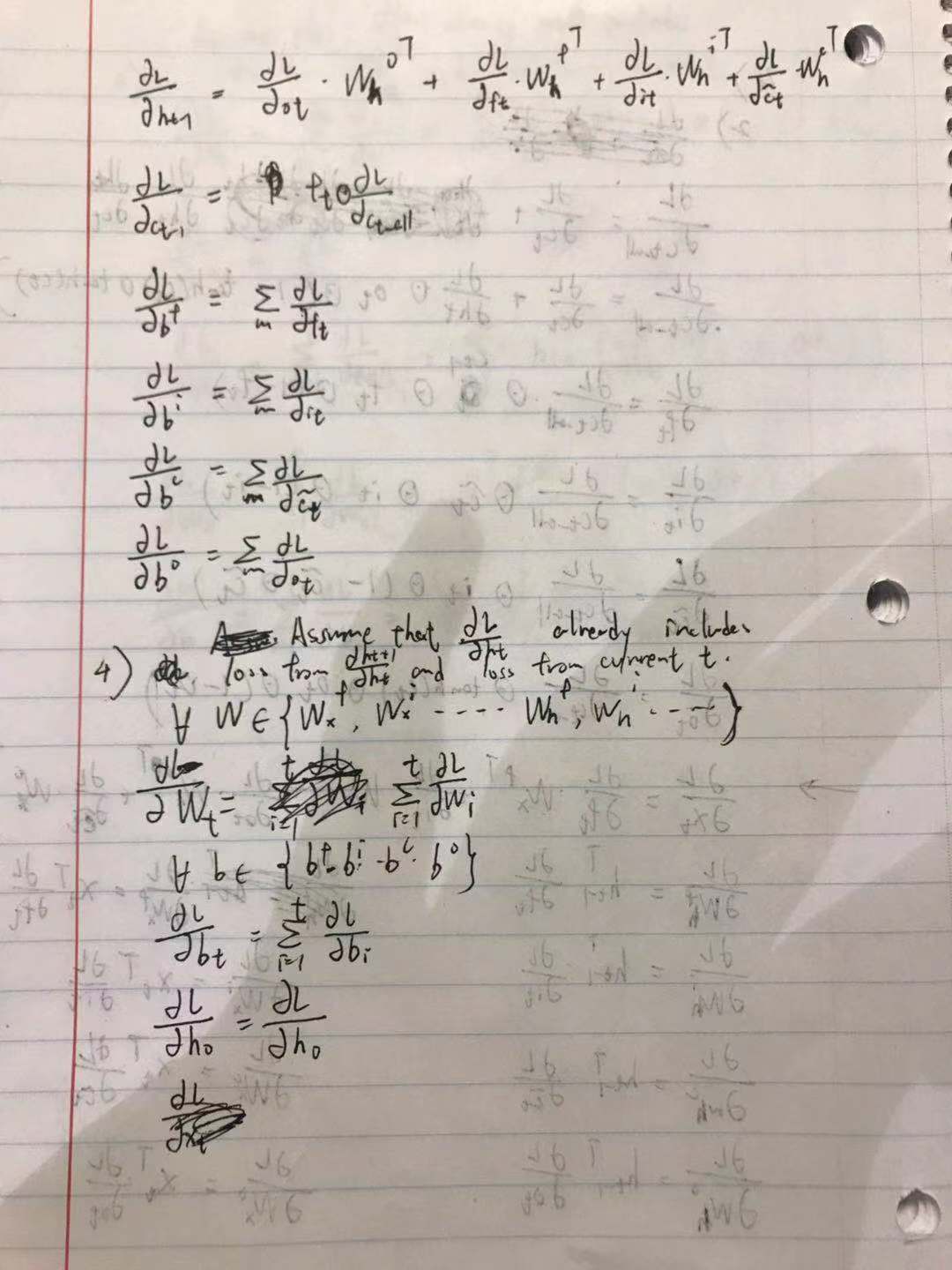




3. RNN



4. LSTM



5. Application to Image Captioning

RNN

Average BLEU score for train: 0.230041

Average BLEU score for val: 0.210692

On train size 1000

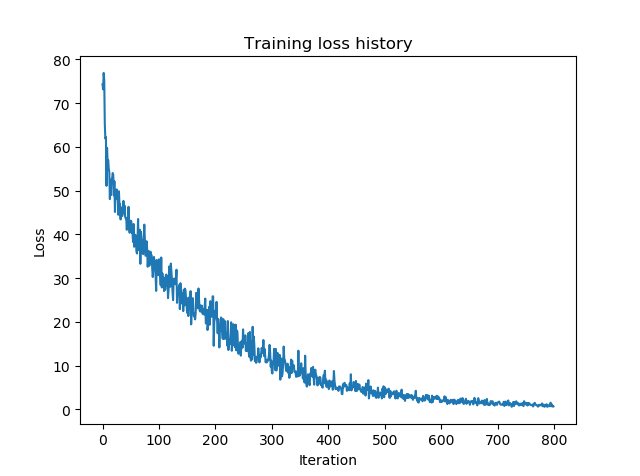


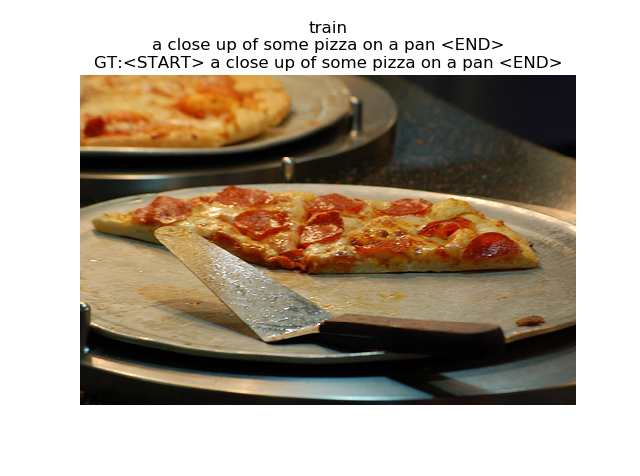
LSTM

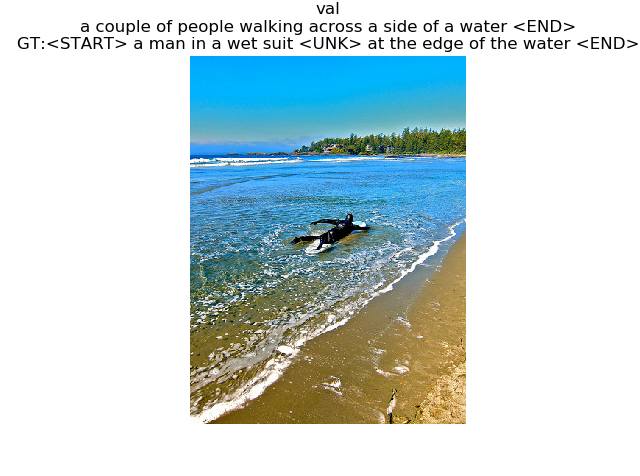
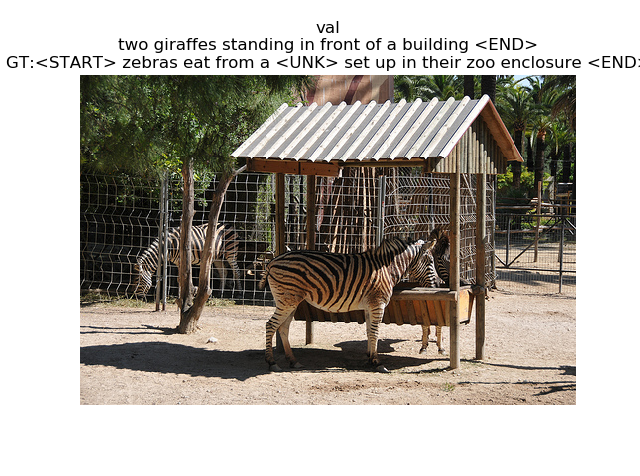
Average BLEU score for train: 0.212054

Average BLEU score for val: 0.214747

On train size 1000







6. Application to text classification

1. 94.58%

2. 92.23%

Unlabeled text sentiment analysis result stored in code/data/result.txt