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Assignment for this week is mainly paper reading. For the attention mechanism and based the seq2seq model from last week, there are three interesting paper for you to go through. The first one is Attention Is All You Need which published in 2017 by Google Research group. This will help you to better understand the attention mechanism. And the other two papers are NEURAL MACHINE TRANSLATION BY JOINTLY LEARNING TO A LIGN AND TRANSLATE and Effective Approaches to Attention-based Neural Machine Translation. These two introduced the attention mechanism into the encoder-decoder translation model in 2015, these can help you understand the workflow of the improved seq2seq model. I also find a code resouce on https://github.com/keon/seq2seq implemented on Pytorch. Reading codes or modified the origin seq2seq model (based on your assignment last week, this is OPTIONAL) yourself will help you with the paper reading.