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PROJECT SPECIFICATION

Machine Translation**Submitted Files**

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All appropriate files are included in the submission.	The following files have been submitted: <code>helper.py</code> , <code>machine_translation.ipynb</code> , <code>machine_translation.html</code>

Preprocess

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The <code>tokenize</code> function has been implemented correctly.	The function <code>tokenize</code> returns tokenized input and the tokenized class.
The <code>pad</code> function has been implemented correctly.	The function <code>pad</code> returns padded input to the correct length.

Models

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The <code>simple_model</code> function has been implemented correctly.	The function <code>simple_model</code> builds a basic RNN model.
The <code>embed_model</code> function has been implemented correctly.	The function <code>embed_model</code> builds a RNN model using word embedding.

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The Embedding RNN makes a prediction on the dataset.	The Embedding RNN is trained on the dataset. A prediction using the model on the training dataset is printed in the notebook.
The <code>bd_model</code> function has been implemented correctly.	The function <code>bd_model</code> builds a bidirectional RNN model.
The Bidirectional RNN makes a prediction on the dataset.	The Bidirectional RNN is trained on the dataset. A prediction using the model on the training dataset is printed in the notebook.
The <code>model_final</code> function has been implemented correctly.	The function <code>model_final</code> builds and trains a model that incorporates embedding, and bidirectional RNN using the dataset.

Prediction

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The final model correctly predicts both sentences.	The final model correctly predicts both sentences.

[Student FAQ](#)[Reviewer Agreement](#)