✓ **Congratulations! You passed!**
TO PASS 80% or higher

[Keep Learning]

GRADE
100%

Week 1 Quiz

LATEST SUBMISSION GRADE

100%

1. **What is the name of the object used to tokenize sentences?**   1 / 1 point

   ○ WordTokenizer

   ○ CharacterTokenizer

   ● Tokenizer

   ○ TextTokenizer

   ✓ Correct

2. **What is the name of the method used to tokenize a list of sentences?**   1 / 1 point

   ● fit_on_texts(sentences)

   ○ tokenize_on_text(sentences)

   ○ fit_to_text(sentences)

   ○ tokenize(sentences)

   ✓ Correct

3. **Once you have the corpus tokenized, what's the method used to encode a list of sentences to use those tokens?**   1 / 1 point

   ○ texts_to_tokens(sentences)

   ○ text_to_tokens(sentences)

   ○ text_to_sequences(sentences)

   ● texts_to_sequences(sentences)

   ✓ Correct

4. **When initializing the tokenizer, how to you specify a token to use for unknown words?**   1 / 1 point

   ○ unknown_word=<Token>

   ○ out_of_vocab=<Token>

   ● oov_token=<Token>

   ○ unknown_token=<Token>

   ✓ Correct

5. **If you don't use a token for out of vocabulary words, what happens at encoding?**   1 / 1 point

   ○ The word isn't encoded, and the sequencing ends

   ○ The word isn't encoded, and is replaced by a zero in the sequence

   ● The word isn't encoded, and is skipped in the sequence

   ○ The word is replaced by the most common token

   ✓ Correct

6. **If you have a number of sequences of different lengths, how do you ensure that they are understood when fed into a neural network?**   1 / 1 point

   ○ Process them on the input layer of the Neural Netword using the pad_sequences property

   ○ Specify the input layer of the Neural Network to expect different sizes with dynamic_length

   ● Use the pad_sequences object from the tensorflow.keras.preprocessing.sequence namespace

   ○ Make sure that they are all the same length using the pad_sequences method of the tokenizer

   ✓ Correct

7. **If you have a number of sequences of different length, and call pad_sequences on them, what's the default result?**   1 / 1 point

   ○ Nothing, they'll remain unchanged

   ○ They'll get cropped to the length of the shortest sequence

   ○ They'll get padded to the length of the longest sequence by adding zeros to the end of shorter ones

   ● They'll get padded to the length of the longest sequence by adding zeros to the beginning of shorter ones

   ✓ Correct

8. **When padding sequences, if you want the padding to be at the end of the sequence, how do you do it?**   1 / 1 point

   ○ Pass padding='after' to pad_sequences when initializing it

   ○ Call the padding method of the pad_sequences object, passing it 'after'

   ○ Call the padding method of the pad_sequences object, passing it 'post'

   ● Pass padding='post' to pad_sequences when initializing it

   ✓ Correct