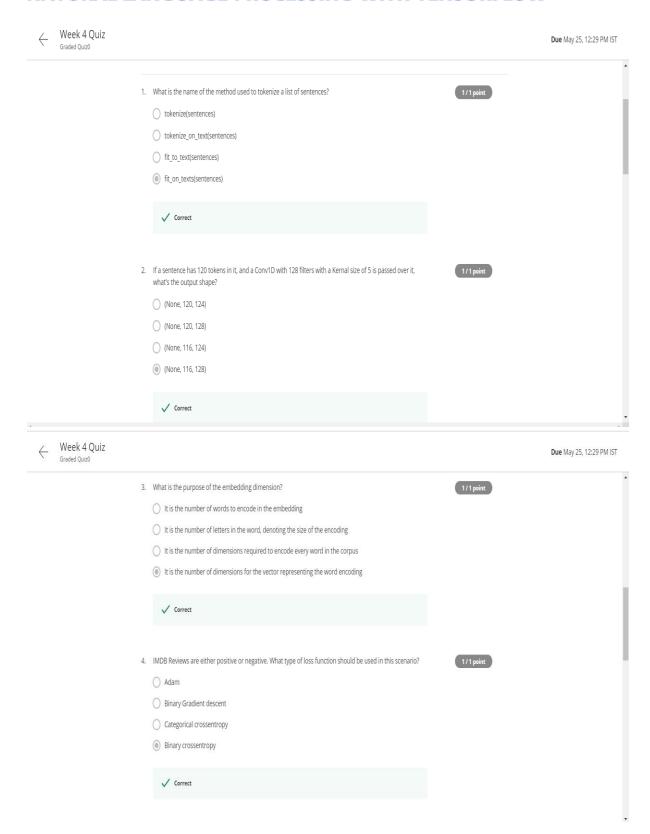
NATURAL LANGUAGE PROCESSING WITH TENSORFLOW





	5. 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
	① Use the pad_sequences object from the tensorflow.keras.preprocessing.sequence namespace	
	O Process them on the input layer of the Neural Network using the pad_sequences property	
	O Specify the input layer of the Neural Network to expect different sizes with dynamic_length	
	Make sure that they are all the same length using the pad_sequences method of the tokenizer	
	✓ Correct	
	6. When predicting words to generate poetry, the more words predicted the more likely it will end up gibberish. Why? It doesn't, the likelihood of gibberish doesn't change Because the probability that each word matches an existing phrase goes down the more words you create	1/1 point
	Because the probability of prediction compounds, and thus increases overall	
	Because you are more likely to hit words not in the training set	
	✓ Correct	
← Week 4 Quiz		Due May 25, 12:29 PM IST
	7. What is a major drawback of word-based training for text generation instead of character-based generation? Character based generation is more accurate because there are less characters to predict There is no major drawback, it's always better to do word-based training Word based generation is more accurate because there is a larger body of words to draw from	1/1 point
	 Because there are far more words in a typical corpus than characters, it is much more memory intensive 	
	intensive	1/1 point