Congratulations! You passed! Grade received 100% To pass 80% or higher	Go to next item
1. Which one of the following word representations is most likely to correspond to a word embeddin representation in a general-purpose vocabulary? In other words, which one is most likely to captu important information about the words? ○ car → 2 ○ caravan → 3 ○ car → (0.1.1) ○ caravan → (-0.1.0.9) ○ car → (0.1.0) ○ caravan → (0.1.0) ○ caravan → (0.1.0) ○ caravan → (0.1.0) ○ caravan → (1.0.1) ○ caravan → (1.0.1) ○ caravan → (1.0.9) ○ correct ○ correct Correct. This is a vector representation where similar terms are closer together, (in a vehicle vocabulary where cars and caravans are seen as dissimilar, d could have been a possible representation where similar terms are closer together.	re meaning and
2. Which one of the following statements is correct? \[\begin{align*} \text{To learn word embeddings you only need a vocabulary and an embedding method.} \end{align*} \text{Learning word embeddings using a machine learning model is unsupervised learning as the it is not labelled.} \end{align*} The objective of a machine learning model that learns word embeddings is to predict word en the meaning of the words, as carried by the word embeddings, depends on the embedding a location of the words, as carried by the word embeddings, depends on the embedding a location of the words are what will ultimately define the meaning of the individual assuming that words that are surrounded by the same kinds of words have similar meaning.	nbeddings. pproach. al words, e.g.
3. Which one of the following statements is false? ELMo may have different word embeddings for the word "stable" depending on the context. wordzvec-based models cannot create word embeddings for words they did not see in the contained on. You need to train a deep neural network to learn word embeddings. You can use a pre-trained BERT model to learn word embeddings on a previously unseen corp. correct Correct.	
4. Consider the corpus "A robot may not injure a human being or, through inaction, allow a human b harm." and assume you are preparing data to train a CBOW model. Ignoring punctuation, for a cor 3, what are the context words of the center word "inaction"? "being inaction human" "being or through inaction allow a human" "through inaction allow" "being or through allow a human" correct correct Correct, the context words are 3 words to both the left and the right of the center word.	
5. Which one of the following statements is false? Given the corpus "I think therefore I am", the word "think" could be represented by the one-hol. Consider the corpus "A robot may not injure a human being or, through inaction, allow a hum come to harm." and assume you are preparing data to train a cBOW model. Ignoring punctual context size of 3, the context words of the center word "inaction" are: "a", "allow", "being", "hi and "through" The continuous bag-of-words model learns to predict context words given a center word. Given the corpus "I think therefore I am", the word "you" cannot be represented. Correct. Correct. It's the reverse: the continuous bag-of-words model learns to predict a center word words. The continuous skip-gram model, presented in an earlier video, learns to predict con given a center word.	an being to tion, for a man", "or", given context

