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In [ ]: from tensorflow.keras.preprocessing.text import one_hot
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In [ ]: ### sentences
sent=['the glass of water',
      'the glass of juice',
      'the cup of tea',
      'I am a good student',
      'I am a good developer',
      'I understand the meaning of embedding',
      'Your classes are good']
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In [ ]: sent
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In [ ]: ### Vocabulary size
voc_size=10000
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In [ ]: onehot_repr=[one_hot(words,voc_size)for words in sent]
print(onehot_repr)
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In [ ]: from tensorflow.keras.layers import Embedding
from tensorflow.keras.preprocessing.sequence import pad_sequences
from tensorflow.keras.models import Sequential
import numpy as np
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In [ ]: sent_length=8
embedded_docs=pad_sequences(onehot_repr,padding='pre',maxlen=sent_length)
print(embedded_docs)
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In [ ]: dim=10
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In [ ]: model=Sequential()
model.add(Embedding(voc_size,10,input_length=sent_length))
model.compile('adam','mse')
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In [ ]: model.summary()
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In [ ]: print(model.predict(embedded_docs))
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In [ ]: embedded_docs[0]
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In [ ]: print(model.predict(embedded_docs)[0])
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