

**Task 3**

A word doesn't belong to a word embedding if it does not appear in the underlying corpus.

**Task 4**

I would have expected Washington, D.C. as the correct word since it is the national capital of the U.S. as Jerusalem is the capital of Israel. I can find "Washington" at index 53 in the returned list of the implemented function. Apart from that I can see many very common words in the English language since U.S. is also used very often in general. One way to improve the result would be to remove such commonly used words and only return more specific words.