Module 3.1a

Imagine a simple word embedding model with vocab= 5 and embed dim=2. That is our word embedding matrix has size 5 x 2.

```
word_embeddings = minitorch.tensor([[1, 4],
                                    [3, 6],
                                    [2, 2],
                                    [7, 3],
                                    [9, 4]])
```

Assume that our sentence is three words "I like it" where the index of "I" is 0, "like" is 3 and "it" is 2. That is to say that the one-hot vector of "I" is [1, 0, 0, 0, 0].

After embedding the sentence we have a new matrix `embed_sentence` that is 3 x 2.

1 1 point

What is the following value after reducing over the length of the sentence?

```
embed_sentence.sum(0)[0, 0]
```

Type your answer...