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## **Lecture: Word Embeddings**

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## Sliding Window of words in Python

```
def get_windows(words, C):
i = C
while i < len(words) - C:</pre>
    center_word = words[i]
    context\_words = words[(i - C):i] + words[(i+1):(i+C+1)]
   yield context_words, center_word
    i += 1
```

| I | am | happy | because | I | am | learning |
|---|----|-------|---------|---|----|----------|
| 0 | 1  | 2     | 3       | 4 | 5  | 6        |

The code above shows you a function which takes in two parameters.

- Words: a list of words.
- C: the context size.

We first start by setting i to C. Then we single out the center\_word, and the context\_words. We then yield those and increment i.

Mark as completed







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