

# Sliding Window of words in Python

```
def get_windows(words, C):
    i = C
    while i < len(words) - C:
        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  $i$ .