

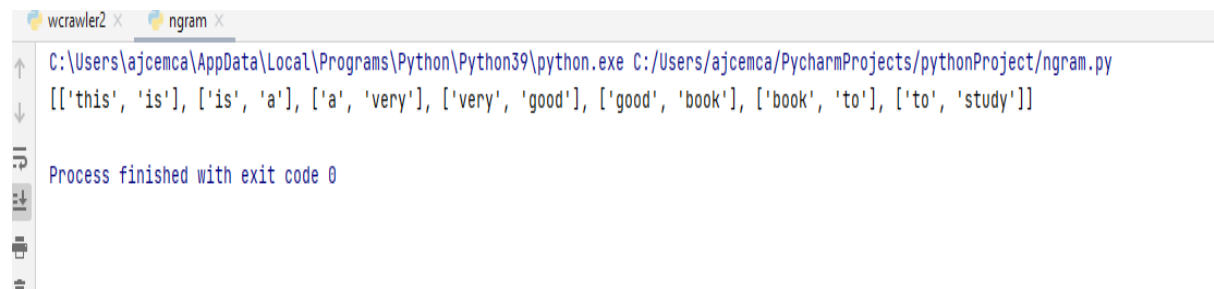
## Program No:17

**Aim:**Python program for natural language processing-Ngram(without using in build function).

### Code:

```
def generate_ngrams(text, WordsToCombine):
    words = text.split()
    output = []
    for i in range(len(words) - WordsToCombine + 1):
        output.append(words[i:i + WordsToCombine])
    return output
x=generate_ngrams(text= 'this is a very good book to study', WordsToCombine=2)
print(x)
```

### Output:



```
wcrawler2 x ngram x
C:\Users\ajcemca\AppData\Local\Programs\Python\Python39\python.exe C:/Users/ajcemca/PycharmProjects/pythonProject/ngram.py
[['this', 'is'], ['is', 'a'], ['a', 'very'], ['very', 'good'], ['good', 'book'], ['book', 'to'], ['to', 'study']]
Process finished with exit code 0
```