

## EXPERINMENT-16

16. Scenario: You are working on a project that involves analyzing customer reviews for a product. You have a dataset containing customer reviews, and your task is to develop a Python program that calculates the frequency distribution of words in the reviews.

Question: Develop a Python program to calculate the frequency distribution of words in the customer reviews dataset?

### Code:

```
import string
from collections import Counter
reviews = [
    "Great product and fast delivery"
]
text = " ".join(reviews).lower()
cleaned_text = text.translate(str.maketrans("", "", string.punctuation))
words = cleaned_text.split()
word_freq = Counter(words)
print("Frequency Distribution of Words:")
print(word_freq)
```

### Output:

```
[Running] python -u "c:\Users\karan\OneDrive\Desktop\New folder (2)\16.py"
Frequency Distribution of Words:
Counter({'great': 1, 'product': 1, 'and': 1, 'fast': 1, 'delivery': 1})

[Done] exited with code=0 in 0.141 seconds
```