

# **Experiment 4**

## **Aim:**

Write a program to count word frequency of a file.

## **Theory:**

This experiment involves writing a program to count the word frequency of a text file.

It is a fundamental task of natural language processing and analysis, which provides the most common and relevant words from a given text.

The program reads, tokenizes, then counts word frequency of each unique word.

The analysis is useful for task like text summarization, sentiment analysis and keyword extraction.

## Flowchart:

