* Initialize a variable and assign any string for example python a programming language Python versatile language.
* Remove punctuation.
* Use replace() method and replace all occurrence of “,” and replace with empty” ” sting.
* use another replace() for removing”,” Arid place it with” “.
* split the feet its individual characters using spit method.
* create a set of unique words from the words list using set() functions the unique words will contain (Python,is…).
* create a dictionary using dictionary comprehension.
* iterate over each word for n each word, count its occurrence in words list using count() method assign the variable that word in the word\_frequency dictionary.

Print()  
  
  
  
  
  
# Initialize a variable and assign any string

sentence = "Python, a programming language. Python, versatile language."

# Remove punctuation

import string

sentence = sentence.translate(str.maketrans('', '', string.punctuation))

# Use replace() method to replace commas with an empty string

sentence = sentence.replace(",", "")

# Use another replace() for removing periods and replace with a space

sentence = sentence.replace(".", " ")

# Split the sentence into individual characters using split method

words = sentence.split()

# Create a set of unique words from the words list using set() function

unique\_words = set(words)

# Create a dictionary using dictionary comprehension to count word occurrences

word\_frequency = {word: words.count(word) for word in unique\_words}

# Print the word frequency dictionary

print(word\_frequency)

**Output**

**{'versatile': 1, 'language': 1, 'Python': 2, 'programming': 1, 'a': 1}**