****

**Assignment 2**

**(Introduction to Python – Advanced Functionality)**

**Instructor: Sanjay Kumar**

**List Problems :**

Write a program to read a text file and clean the text by removing punctuation and build a list where each element is the list in which the word and it’s frequency is stored.

[[ ‘the’, 5], [‘a’,23], …… ]

**Tuple Problems :**

Write a program to read a text file and clean the text by removing punctuation and build a list where each element is the tuple in which the word and it’s frequency is stored.

[( ‘the’, 5), (‘a’,23), …… ]

**Dictionary Problems :**

Write a program to read a text file and clean the text by removing punctuation and build a list where each element is the dictionary in which the word and it’s frequency is stored.

{ ‘the’: 5, ‘a’ : 23, …… }

**Set Problems :**

Write a program to read a text file and clean the text by removing punctuation and build a set where each element is the tuple in which the word and it’s frequency is stored.{ {(‘the’,5),(‘a’,45), …}