1. Write a C++ program to perform a word count on a text file. (Sample file can be downloaded from rabbit page – Apr 18th Row)

ifstream fin;

fin.open(“datafile.txt”)

.

.

string s;

getline(fin,s);

**Use getLine function to extract the line**

Use string and parse the string by every character. If a set of characters ends in a “space”, or a “comma” or “period”, you can count it as a word.

1. Once the word count is done, create a structure called stWord.

struct stWord

{

string var\_word;

int frequency;

};

Based on the list of words you obtained from step 1, identify their frequencies, and store it in the array of stWord.

1. Sort all the words, and print it along with its frequency in descending order where the word with highest number of occurrences comes first.