Assignemt : Write a wordcount program to implement wordcount using Pig.

Ans: **in local mode from local file**

A\_Line = LOAD 'file:/home/acadgild/KrushnaDebashram/Pig\_WordCountInputData.txt' AS(line:chararray);

B\_word = FOREACH A\_Line GENERATE FLATTEN(TOKENIZE(line,' ')) AS word;

C\_wordgroup = GROUP B\_word BY word;

D\_wordcount = Foreach C\_wordgroup GENERATE group,COUNT(B\_word);

DUMP D\_wordcount;

store D\_wordcount into 'Pig\_WordcountResult';

in mapreduce mode

A\_Line = LOAD 'hdfs://localhost:9000/user/acadgild/Pig\_WordCount.txt' AS(line:chararray);

B\_word = FOREACH A\_Line GENERATE FLATTEN(TOKENIZE(line,' ')) AS word;

C\_wordgroup = GROUP B\_word BY word;

D\_wordcount = Foreach C\_wordgroup GENERATE group,COUNT(B\_word);

DUMP D\_wordcount;

store D\_wordcount into 'Pig\_WordcountResult';