**Problem Statement**

Note: consider this string line for below assignment problems.

String line=”Hadoop is open source frame work ,Hadoop is good framework for handling big data”;

1. Class a sample class with name String\_demo and inside the main method perform the following operation

 Split the line by space and store in a new string array

 Count number of occurrence of word Hadoop in the given string

 Replace the ‘,’with space in the given string

 Create a array list with generic string and store the spitted string inside it

**public** **class** String\_demo {

**public** **static** **void** main(String[] args) {

String line = **new** String("Hadoop is open source frame work,Hadoop is good framework for handling big data");

String newline = line.replace(',', ' ');

String[] test = newline.split("\\W+");

**int** i = 0;

**for** (String word : test) {

**if** (word.contains("Hadoop")) {

i++;

}

}

System.***out***.print("Number of occurrence of word Hadoop : " + i );

}

}