**ACD\_BDD\_Session\_5\_Assignment\_3\_Main**

**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 wordsple 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

**Solution**

**package** com.acadgild.hadoop;

**import** java.util.ArrayList;

**import** java.util.List;

**public** **class** String\_Demo {

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

List<String> arraylist = **new** ArrayList();

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

String splitby = " ";

String words[] = **null**;

words = line.split(splitby);

**int** count = 0;

**for**(**int** i=0;i<words.length;i++){

System.***out***.println(words[i]);

**if**(words[i].contains("Hadoop") || words[i].contains("hadoop")){

count = count + 1;

}

arraylist.add(words[i]);

}

System.***out***.println("Total occurrences of hadoop : " + count);

System.***out***.println("Replace with spaces: " + line.replaceAll(",", ""));

System.***out***.println("Arraylist value: " + arraylist);

}

}

**Output**

Hadoop

is

open

source

frame

work

,Hadoop

is

good

framework

for

handling

big

data

Total occurrences of hadoop : 2

Replace with spaces: Hadoop is open source frame work Hadoop is good framework for handling big data

Arraylist value: [Hadoop, is, open, source, frame, work, , Hadoop, is, good, framework, for, handling, big, data]