## Problem Statement - Write a simple program in SCALA using Apache Spark framework

```
temsel-al-216-18: S sudo apt update
sudo apt Install openjdk-il-jdk
Hit:: https://pockapes.nicrosoft.com/repos/code stable InRelease
Hit:: https://pockapes.nicrosoft.com/repos/code stable InRelease
Get:3 https://pockapes.nicrosoft.com/sepos/code stable InRelease
Hit:: http://del.archive.canonical.com/jamy InRelease
Hit:: http://del.archive.canonical.com/jamy InRelease
Hit:: http://security.ubuntu.com/ubuntu jamy InRelease
Hit:: http://security.ubuntu.com/ubuntu jamy InRelease
Hit:: http://security.ubuntu.com/ubuntu jamy InRelease
Fir:: https://di.google.com/linux/chrome/deb stable InRelease
The following signatures couldn't be vertified because the public key is not available: NO_PUBKEY 32EE5355A6BC6E42
Hit:: http://in.archive.ubuntu.com/ubuntu jamy-updates InRelease
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Hit:: http
```

```
tegsel-a1-216-18:-$ mv spark-3.5.5-bin-hadoop3 spark
export SPARK_HOME=-/spark
export PATH=$$PARK_HOME/bin:$PATH
```

```
tegsel-a1-216-18:-/spark-scala-wordcount2 and vordcount2 cd -/spark-scala-wordcount2 cd -/spark-scala-wordcount2 cd -/spark-scala-wordcount2 cala tegsel-a1-216-18:-/spark-scala-wordcount2$ echo "hello world hello spark word count example" > sample2.txt

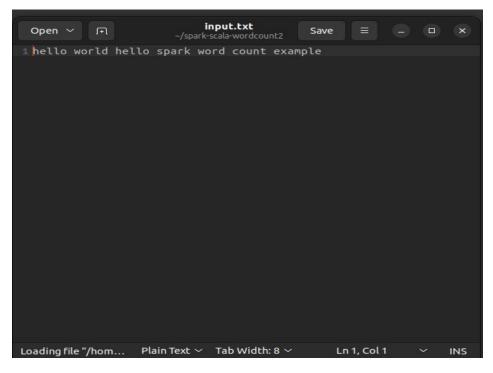
tegsel-a1-216-18:-/spark-scala-wordcount2$ scalac -classpath "$SPARK_HOME/jars/*" WordCount2.scala tegsel-a1-216-18:-/spark-scala-wordcount2$ jar of WordCount2.jar WordCount2*.class tegsel-a1-216-18:-/spark-scala-wordcount2$ spark-submit \
--class WordCount2 \\
--master local \\
WordCount2.jar

25/04/07 10:00:29 INFO DAGScheduler: Job 0 finished: collect at WordCount2.scala:13, took 0.307149 s (example,1) (spark,1) (word,1) (hello,2) (count,1) (word,1) (hello,2) (count,1) (word,7 10:00:29 INFO SparkContext: SparkContext is stopping with exitCode 0.
```

## WordCount.java -

```
WordCount2.scala
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                                                               ×
                        ~/spark-scala-wordcount2
 1 import org.apache.spark.{SparkConf, SparkContext}
 3 object WordCount2 {
    def main(args: Array[String]): Unit = {
      val conf = new
  SparkConf().setAppName("WordCount2").setMaster("local")
      val sc = new SparkContext(conf)
      val input = sc.textFile("sample2.txt")
      val counts = input.flatMap(line => line.split(" "))
                          .map(word => (word, 1))
                          .reduceByKey( + )
      counts.collect().foreach(println)
      sc.stop()
17 }
                      Scala ~ Tab Width: 8 ~
                                                Ln 18, Col 1
                                                                  INS
```

## input.txt -



## output.txt -

