ASSIGENMENT NO :13

```scala
object WordCount {
  def main(args: Array[String]): Unit = {
    val data = List("Apache Spark is fast", "Spark is awesome", "Scala and Spark")
    val words = data.flatMap(_.split(" "))
    val wordCounts = words.map(_.toLowerCase).groupBy(identity).mapValues(_.size)
    println("Word Count Result:")
    wordCounts.foreach { case (word, count) =>
      println(s"$word: $count")
    }
  }
}
```

OUTPUT:

PS D:\Spark Programs> scalac wordcount.scala

warning: 1 deprecation (since 2.13.0); re-run with -deprecation for details

1 warning

PS D:\Spark Programs> scala wordcount.scala

warning: 1 deprecation (since 2.13.0); re-run with -deprecation for details

Word Count Result:

is: 2

awesome: 1

scala: 1

fast: 1

and: 1

spark: 3

apache: 1

PS D:\Spark Programs>

SIMPLE PROGRAM:

```scala
object Hello {

    def main(args: Array[String]) = {

        println("Hello, world")

    }
}
```

OUTPUT:

PS D:\Spark Programs> scalac Hello.scala

PS D:\Spark Programs> scala Hello.scala

Hello, world

PS D:\Spark Programs>