Name:Gayatri Gosavi

Roll No:TCOB13

Assignment No :13

object WordCount {

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

val text = """

Apache Spark is fast

Scala is powerful

Apache Spark with Scala is awesome

"""

// Split lines into words

val words = text.split("\\s+").map(\_.toLowerCase)

// Count frequency of each word

val wordCounts = words.groupBy(identity).mapValues(\_.length)

// Print word counts

println("Word Frequencies:")

wordCounts.foreach { case (word, count) =>

println(s"$word: $count")

}

}

}  
  
OUTPUT:

STDIN

STDIN

Output:

Word Frequencies:

: 1

is: 3

awesome: 1

fast: 1

spark: 2

apache: 2

powerful: 1

scala: 2

with: 1