```
1. Download <a href="https://dlcdn.apache.org/spark/spark-3.5.5/spark-3.5.5-bin-hadoop3.tgz">https://dlcdn.apache.org/spark/spark-3.5.5/spark-3.5.5-bin-hadoop3.tgz</a>
2. Extract it.
3. Open terminal and type the command: nc -lk 9999
4.Go to the extracted folder/bin and open terminal.
5.In the terminal type the command: ./spark-shell -i pathToYourScalaFile
wordCount.scala =>
import org.apache.spark.sql.SparkSession
import org.apache.spark.sql.functions._
val spark = SparkSession
 .builder
 .appName("StructuredNetworkWordCount")
 .master("local[*]")
 .getOrCreate()
import spark.implicits._
val lines = spark.readStream
 .format("socket")
 .option("host", "localhost")
 .option("port", 9999)
 .load()
val words = lines.as[String].flatMap(_.split(" "))
val wordCounts = words.groupBy("value").count()
val query = wordCounts.writeStream
 .outputMode("complete")
 .format("console")
 .start()
query.awaitTermination()
```

Activities	Terminal ■	Apr 9 10:03 ●			⊹	O
•	TE@	dbsl-01:~/Downloads/spark/bin — bash ./spark-shell -i /hom	e/TE/wordCount.scala	Q	₹	×
TE@dbsl-0	1:~/Downloads/spark/bin — bash ./spark-sh	× TE@dbsl-01:~ — nc -lk 9999		TE@dbsl-01:~		*
TEGedbsl-01 bin \$./spark-shell -i /home/TE/wordCount.scala Setting default log level to "MARN". To adjust logging level use sc. settoglevel(newLevel). For SparkR, use setLoglevel(newLevel). 25/04/09 09:41:46 WARN NativeCodeLoader: Unable to load native-hadoop library for your platform using builtin-java classes where applicable						
Batch: 1 value count hello 2 bye 2 world 2		stream closed by localhost:9999				

