

```
hadoop@yadhresh-Lenovo-IdeaPad-S145-15IKB:~/assignment-13/spark-3.5.1-bin-hadoop3/bin$ ./spark-shell
```

```
24/05/01 02:35:29 WARN Utils: Your hostname, yadhesh-Lenovo-IdeaPad-S145-15IKB
resolves to a loopback address: 127.0.1.1; using 192.168.0.117 instead (on
interface wlp2s0)
```

```
24/05/01 02:35:29 WARN Utils: Set SPARK_LOCAL_IP if you need to bind to another
address
```

Setting default log level to "WARN".

To adjust logging level use `sc.setLogLevel(newLevel)`. For SparkR, use `setLogLevel(newLevel)`.

```
24/05/01 02:35:40 WARN NativeCodeLoader: Unable to load native-hadoop library
for your platform... using builtin-java classes where applicable
```

Spark context Web UI available at <http://192.168.0.117:4040>

Spark context available as `sc` (master = local[*], app id = local-1714511142740).

Spark session available as `'spark'`.

Welcome to

[illegible]

Using Scala version 2.12.18 (Java HotSpot(TM) 64-Bit Server VM, Java 18.0.1.1)

Type in expressions to have them evaluated.

```
Type :help for more information.
```

```
scala> :load WordCount.scala
```

```
warning: File `WordCount.scala` does not exist.
```

```
scala> :load WordCount.scala
```

Loading WordCount.scala...

```
input: org.apache.spark.rdd.RDD[String] = passage.txt MapPartitionsRDD[1] at
textFile at WordCount.scala:23
```

```
words: org.apache.spark.rdd.RDD[String] = MapPartitionsRDD[2] at flatMap at
WordCount.scala:23
```

```
counts: org.apache.spark.rdd.RDD[(String, Int)] = MapPartitionsRDD[3] at map at
WordCount.scala:23
```

```
reducedCounts: org.apache.spark.rdd.RDD[(String, Int)] = ShuffledRDD[4] at
reduceByKey at WordCount.scala:23
```

(shubham, 1)

```
(hello, 1)
```

 $(ka, 2)$
$$(j1, 1)$$

(ujwal, 2)

 $(z_{al}, 2)$

```
scala>
```