

```

val textFile = sc.textFile("/home/hduser/Desktop/wc.txt")
val counts = textFile.flatMap(line => line.split(" ")).map(word => (word,
1)).reduceByKey(_ + _)
import scala.collection.immutable.ListMap
val sorted=ListMap(counts.collect.sortWith(_._2 > _._2):_*)// sort in descending order
based on values
println(sorted)
for((k,v)<-sorted)
{
  if(v>4)
  {
    print(k+",")
    print(v)
    println()
  }
}

```

```

scala> val counts = textfile.flatMap(line => line.split(" ")).map(word => (word
,1)).reduceByKey(_+_
counts: org.apache.spark.rdd.RDD[(String, Int)] = ShuffledRDD[4] at reduceByKey
at <console>:25

scala> import scala.collection.immutable.ListMap
import scala.collection.immutable.ListMap

scala> val sorted = ListMap(counts.collect.sortWith(_._2>_._2):_*)
[Stage 0:> (0 + 0) / 1
[Stage 0:> (0 + 1) / 1
[Stage 0:===== (1 + 0) / 1

sorted: scala.collection.immutable.ListMap[String,Int] = ListMap(car -> 7, deer
-> 5, bear -> 3, river -> 3, "" -> 1)

scala> println(sorted)
ListMap(car -> 7, deer -> 5, bear -> 3, river -> 3,  -> 1)

```

```
scala> for((k,v)<-sorted)
| {
|   if(v>4)
|   {
|     println(k+"-"+v)
|   }
| }
car-7
deer-5
```