

```
scala> val lines = sc.textFile("sales.txt")
lines: org.apache.spark.rdd.RDD[String] = sales.txt MapPartitionsRDD[14] at
textFile at <console>:24
```

```
scala> val pairs = lines.map(s=>(s.split(" ") (0), (s.split(" ") (1).toInt)))
pairs: org.apache.spark.rdd.RDD[(String, Int)] = MapPartitionsRDD[11] at
map at <console>:26
```

```
scala> pairs.collect()
res10: Array[(String, Int)] = Array((bolt,45), (bolt,5), (drill,1),
(drill,1), (screw,1), (screw,2), (screw,3))
```

```
scala> val result = pairs.reduceByKey((a,b)=> a + b)
result: org.apache.spark.rdd.RDD[(String, Int)] = ShuffledRDD[12] at
reduceByKey at <console>:28
```

```
scala> result.collect()
res11: Array[(String, Int)] = Array((screw,6), (bolt,50), (drill,2))
```