package org.itc.com  
import org.apache.spark.{SparkConf, SparkContext}  
  
object Main {  
 def main(args: Array[String]): Unit = {  
 //println("Hello world!")  
 val sparkconf = new SparkConf()  
 sparkconf.set("spark.app.name", "firstDFDemo")  
 //sparkconf.set("spark.master", "local[1]")  
 val sc = new SparkContext (sparkconf)//(master = "yarn", appName = "aaa")  
  
 val rdd1 = sc.textFile(args(0))  
  
 val rdd2 = rdd1.flatMap(x => x.split(" "))  
  
 val rdd3 = rdd2.map(x => (x.toLowerCase(), 1))  
  
 val rdd4 = rdd3.reduceByKey((x, y) => x + y).sortBy(\_.\_2)  
 val res = rdd4.collect()  
 // res.foreach(println)  
 rdd4.saveAsTextFile(args(1))  
 }  
}

Output



A screen shot of a computer

Description automatically generated

