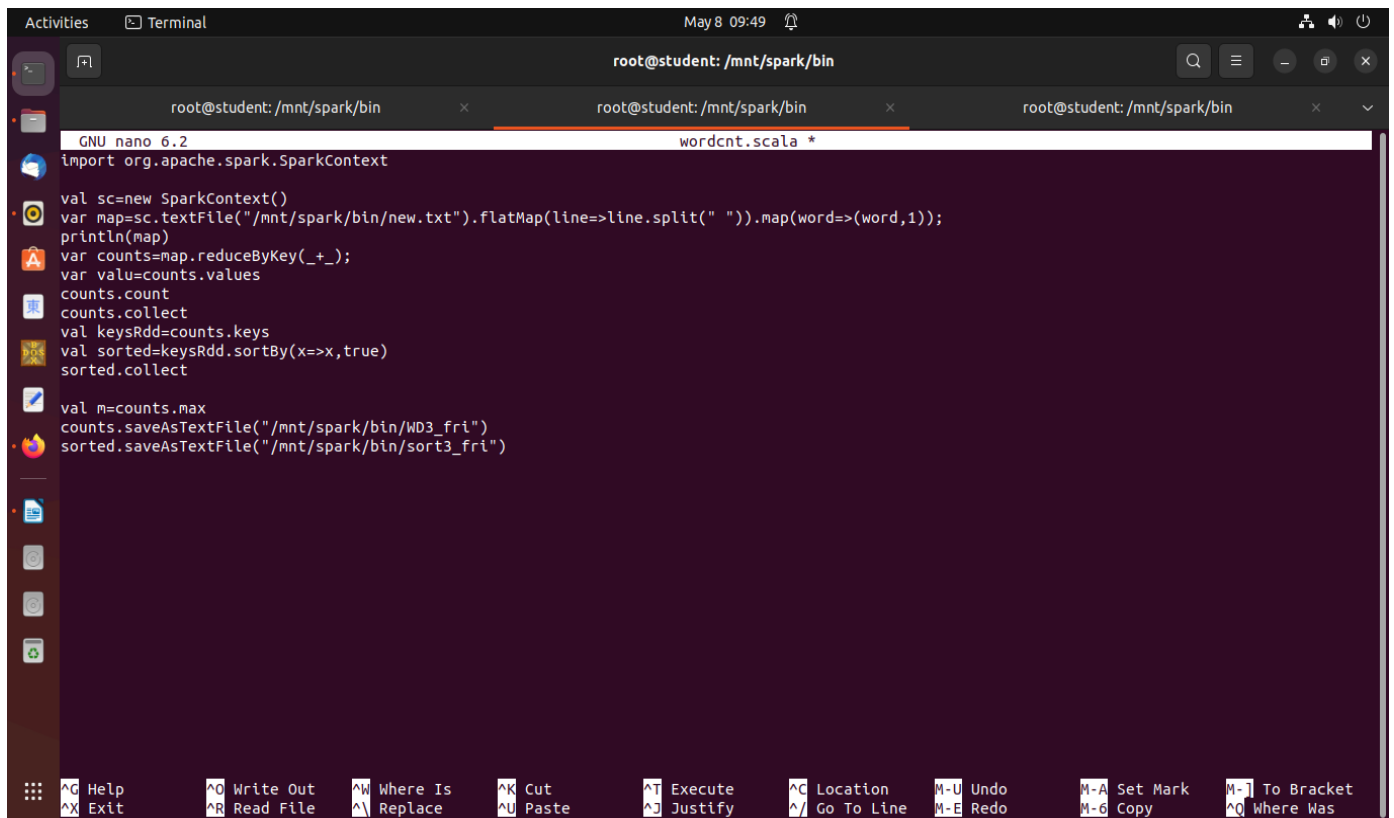


1. word count program

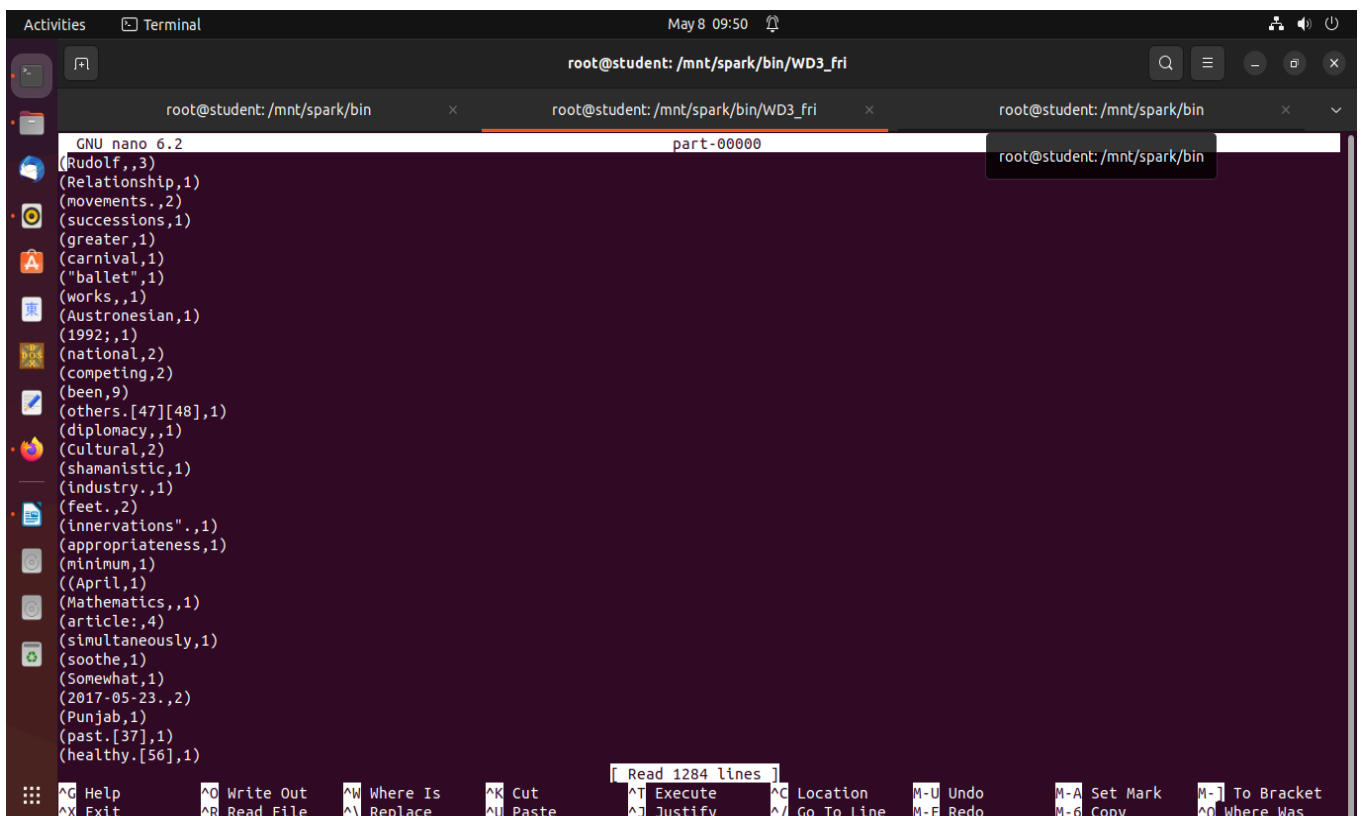


```
root@student: /mnt/spark/bin
GNU nano 6.2 wordcnt.scala *
import org.apache.spark.SparkContext

val sc=new SparkContext()
var map=sc.textFile("/mnt/spark/bin/new.txt").flatMap(line=>line.split(" ")).map(word=>(word,1));
println(map)
var counts=map.reduceByKey(_+_);
var valu=counts.values
counts.count
counts.collect
val keysRdd=counts.keys
val sorted=keysRdd.sortBy(x=>x,true)
sorted.collect

val m=counts.max
counts.saveAsTextFile("/mnt/spark/bin/WD3_fri")
sorted.saveAsTextFile("/mnt/spark/bin/sort3_fri")
```

2. word count generated files in two parts



```
root@student: /mnt/spark/bin/WD3_fri
GNU nano 6.2 part-00000
(Rudolf,,3)
(Relationship,1)
(movements,,2)
(successions,1)
(greater,1)
(carnival,1)
("ballet",1)
(works,,1)
(Austronesian,1)
(1992,,1)
(national,2)
(competing,2)
(being,9)
(others.[47][48],1)
(diplomacy,,1)
(Cultural,2)
(shamanistic,1)
(Industry.,1)
(feet.,2)
(Innervations",,1)
(appropriateness,1)
(minimum,1)
((April,1)
(Mathematics,,1)
(article:,4)
(simultaneously,1)
(soothe,1)
(Somewhat,1)
(2017-05-23.,2)
(Punjab,1)
(past.[37],1)
(healthy.[56],1)
```

Activities Terminal May 8 09:52

root@student: /mnt/spark/bin/WD3_fri

GNU nano 6.2 part-00001

(organized,1)
(monetary,1)
(isolated,1)
(preoccupied,1)
(previous,1)
((Royal,1)
(Inventions,,1)
(theatre.,1)
(encompass,1)
(Tap,1)
(Gia,1)
(youth,1)
(Imperial,1)
(Present.,1)
(Major,1)
(injuries:,1)
(end,1)
((drum),,1)
(and...,1)
(Ayansu,,1)
(place,4)
(Biomechanical,1)
(Actors',1)
(musician,,1)
(kabuki,1)
(Minden,,1)
(Rough,1)
(9-41.,1)
(exchange,1)
(D'Amboise,2)
(nuances,1)
(curve,1)

Read 1349 lines

Help Write Out Where Is Cut Execute Location M-U Undo M-A Set Mark M-] To Bracket
Exit Read File Replace Paste Justify Go To Line M-E Redo M-6 Copy ^Q Where Was

3. Sorted File generated in two parts

Activities Terminal May 8 09:54

root@student: /mnt/spark/bin/sort3_fri

GNU nano 6.2 part-00000

"(untitled)."
"A"
"African"
"Ayurvedic"
"Basin"
"Biomechanical"
"Canadian"
"Dance"
"Dance"
"Dance/Movement"
"Eating"
"Europe"
"Europe,"
"Going"
"Hiplot:"
"Kabuki"
"Kuduro"
"Learning"
"LU"
"Making"
"Nurturing"
"Odra"
"Original"
"Performing"
"Prevalence"
"Preventing"
"Ritual"
"Sendratari"
"The"
"TikTok"

Read 1416 lines

Help Write Out Where Is Cut Execute Location M-U Undo M-A Set Mark M-] To Bracket
Exit Read File Replace Paste Justify Go To Line M-E Redo M-6 Copy ^Q Where Was

Activities Terminal May 8 09:55

root@student: /mnt/spark/bin/sort3_fri

root@student: /mnt/spark/bin x root@student: /mnt/spark/bin/sort3_fri x root@student: /mnt/spark/bin x

GNU nano 6.2 part-00001

coordinated
correlation
cosmology.
costumes
counterpoint
countries'
couple
courses
court
courtly
crafted
created
creator
credible
cross-rhythms
crowns
cueca,
cultural
culturally
culture
culture)
culture.
cultures
cultures.
cultures.[52]
cumbia,
cure
current
curriculum
curve
cushions.[64]
customs

Read 1217 lines

Help Write Out Where Is Cut Execute Location Undo Set Mark To Bracket
Exit Read File Replace Paste Justify Go To Line Redo Copy Where Was