**CODE:**

**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(\_ + \_);**

**println("Max",counts.max)**

**println("Value =",counts.values)**

**println("Count =",counts.count)**

**counts.collect**

**val keysRdd = counts.keys**

**val sorted = keysRdd.sortBy(x => x, true)**

**sorted.collect**

**counts.saveAsTextFile("/mnt/spark/bin/Word\_frl")**

**sorted.saveAsTextFile("/mnt/spark/bin/Sort\_frl")**

**Text :**

This is a generic mount point under which you mount your filesystems or devices.

Mounting is the process by which you make a filesystem available to the system.

After mounting your files will be accessible under the mount-point.

This directory usually contains mount points or sub-directories where you mount your floppy and your CD.

You can also create additional mount-points here if you wish.

Standard mount points would include /mnt/cdrom and /mnt/floppy.

There is no limitation to creating a mount-point anywhere on your system

but by convention and for sheer practicality d

o not litter your file system with mount-points. It should be noted that

some distributions like Debian allocate /floppy and /cdrom as mount poi

nts while Redhat and Mandrake

puts them in /mnt/floppy and /mnt/cdrom respectively.

**OUTPUT :**

**Word\_frl:**

**Part\_00000:**

(d,1)

(under,2)

(is,3)

(mount-point.,1)

(After,1)

(puts,1)

(can,1)

(There,1)

(include,1)

(Redhat,1)

(/cdrom,1)

(here,1)

(limitation,1)

(with,1)

(will,1)

(some,1)

(as,1)

(,6)

(This,2)

(point,1)

(sub-directories,1)

(litter,1)

(noted,1)

(make,1)

(filesystems,1)

(accessible,1)

(/mnt/cdrom,2)

(them,1)

(mount-point,1)

(create,1)

(file,1)

(poi,1)

(floppy,1)

**Part\_00001:**

(mounting,1)

(respectively.,1)

(/mnt/floppy,1)

(Mounting,1)

(You,1)

(on,1)

(would,1)

(while,1)

(devices.,1)

(o,1)

(in,1)

(which,2)

(/floppy,1)

(also,1)

(should,1)

(for,1)

(mount-points,1)

(/mnt/floppy.,1)

(sheer,1)

(your,6)

(convention,1)

(the,3)

(mount-points.,1)

(not,1)

(contains,1)

(directory,1)

(process,1)

(files,1)

(you,4)

(allocate,1)

(if,1)

(nts,1)

(a,3)

(or,2)

(be,2)

(that,1)

(creating,1)

(no,1)

(mount,6)

(to,2)

(available,1)

(filesystem,1)

(generic,1)

(system.,1)

(distributions,1)

(CD.,1)

(by,2)

(points,2)

(like,1)

(where,1)

(It,1)

(Debian,1)

(Standard,1)

(but,1)

(and,6)

(wish.,1)

(anywhere,1)

(practicality,1)

(usually,1)

(system,2)

(additional,1)

(Mandrake,1)

**Sort\_frl:**

**Part\_00000:**

/cdrom

/floppy

/mnt/cdrom

/mnt/floppy

/mnt/floppy.

After

CD.

Debian

It

Mandrake

Mounting

Redhat

Standard

There

This

You

a

accessible

additional

allocate

also

and

anywhere

as

available

be

but

by

can

contains

convention

create

creating

d

devices.

directory

distributions

file

files

filesystem

filesystems

floppy

for

generic

here

if

in

include

**Part\_00001:**

is

like

limitation

litter

make

mount

mount-point

mount-point.

mount-points

mount-points.

mounting

no

not

noted

nts

o

on

or

poi

point

points

practicality

process

puts

respectively.

sheer

should

some

sub-directories

system

system.

that

the

them

to

under

usually

where

which

while

will

wish.

with

would

you

your