

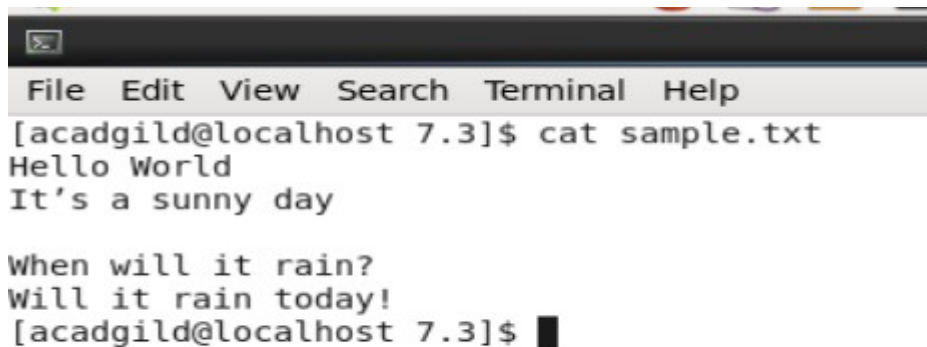
## BigData Assignment 7.3

Count the number of blank lines in a text file, by using accumulators.

Solution -

- Checked the contents of the file.

**cat sample.txt**



```
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[acadgild@localhost 7.3]$ cat sample.txt
Hello World
It's a sunny day

When will it rain?
Will it rain today!
[acadgild@localhost 7.3]$
```

- Created an accumulator and then checked each line if there is any blank line , if it is blank line , then increment the accumulator.

**val blankLines = sc.accumulator(0,"blankLines")**

**sc.textFile(["file:///home/acadgild/RITESH/7.3/sample.txt"](file:///home/acadgild/RITESH/7.3/sample.txt),4).foreach( l  
ine => if (line.length == 0) blankLines+=1)**

**println("No of blankLines "+blankLines)**



```
acadgild@localhost:~/RITESH/7.2
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scala> val blankLines = sc.accumulator(0,"blankLines")
warning: there were two deprecation warnings; re-run with -deprecation for details
blankLines: org.apache.spark.Accumulator[Int] = 0

scala> sc.textFile("file:///home/acadgild/RITESH/7.3/sample.txt",4).foreach(line => if (line.length()==0)blankLines+=1)

scala> println("No of blankLines "+blankLines)
No of blankLines 1

scala>
```

Output - 1