## 6. Problem Statement

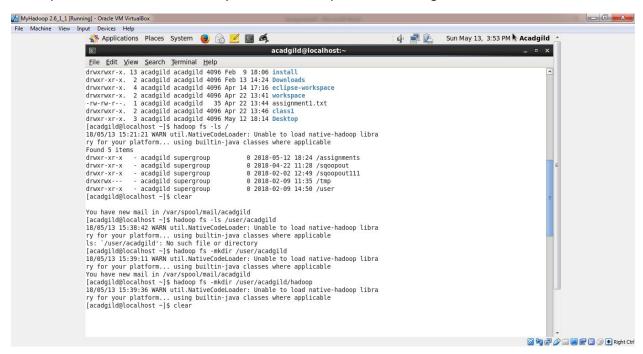
## Task 1:

Check whether /user/acadgild directory exists or not in the HDFS.

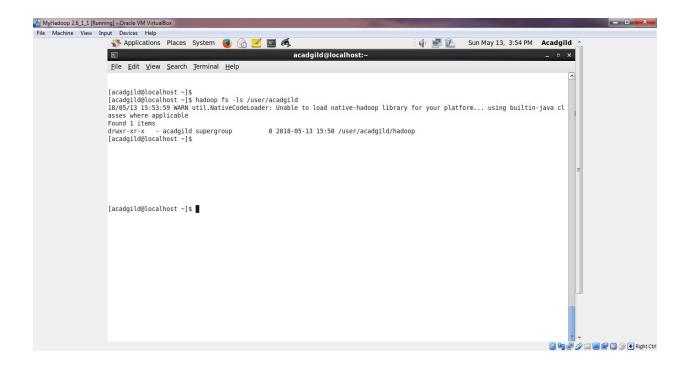
If it doesn't exist, then create this.

Create a directory /user/acadgild/hadoop.

Hadoop fs –mkdir creates a directory with the name specified in the arguments.



Hadoop fs -ls lists all files in a directory



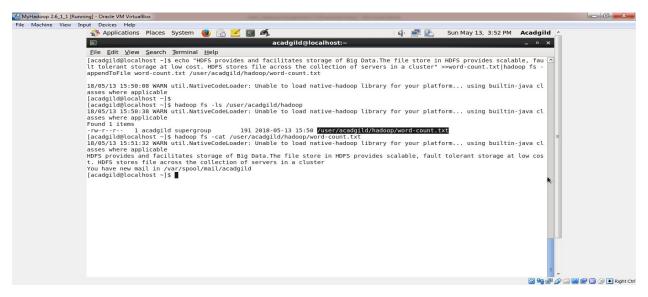
## Task 2:

Create a file in HDFS under directory /user/acadgild/hadoop, with name word-count.txt.

Whatever we type on screen should get appended to the file.

Try to type (on screen) few lines from any online article or textbook.

Output of echo is appended to file word-count.txt and appendToFile command in Hadoop adds the file to Hadoop file system.



## Task 3:

Create a file max-temp.txt in local FS.

Put some 10-15 records of date and temperature example:

dd-mm-yyyy,temperature

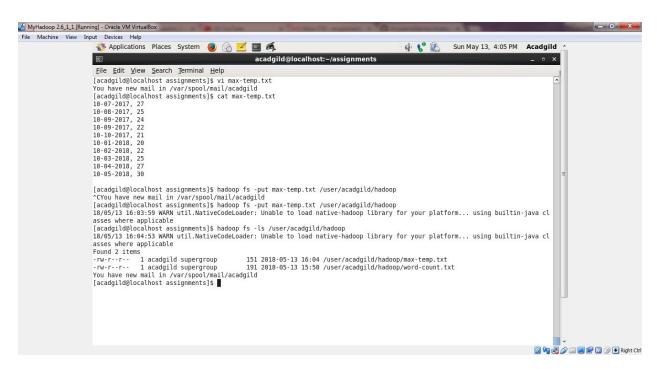
Example:

10-01-1990,10

10-02-1991,20

Move this file to HDFS at /user/acadgild/hadoop.

Created a file max-temp.txt using vi command and using Hadoop fs –put commnd, moved this file to HDFS directory /user/acadgild/Hadoop.



Task 4:

Change the permission of the file /user/acadgild/hadoop/max-temp.txt, such that only the owner and the group members have full control over the file.

Others do not have any control over it.

Hadoop fs –chmod 770 provides full permission to owner and group and no permission to others on the file.

