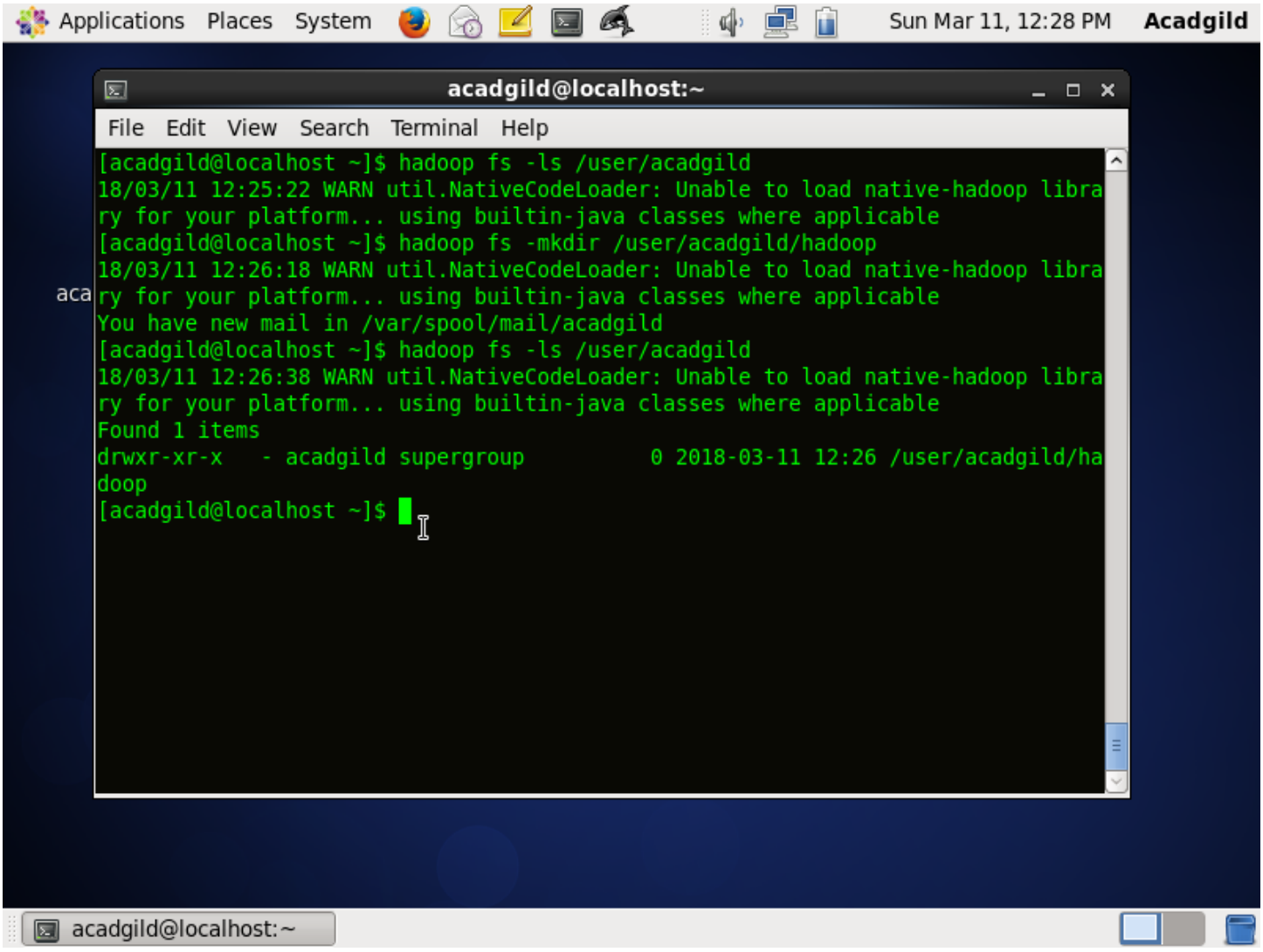
TASK 1:

After checking the contents of /user/acadgild, no directories name hadoop was found. command to check the contents of diectory of /user/acadgild : hadoop fs –ls /user/acadgild

For creating directory /user/acadgild/Hadoop
Command: **hadoop fs -mkdir /user/Acadgild/Hadoop**

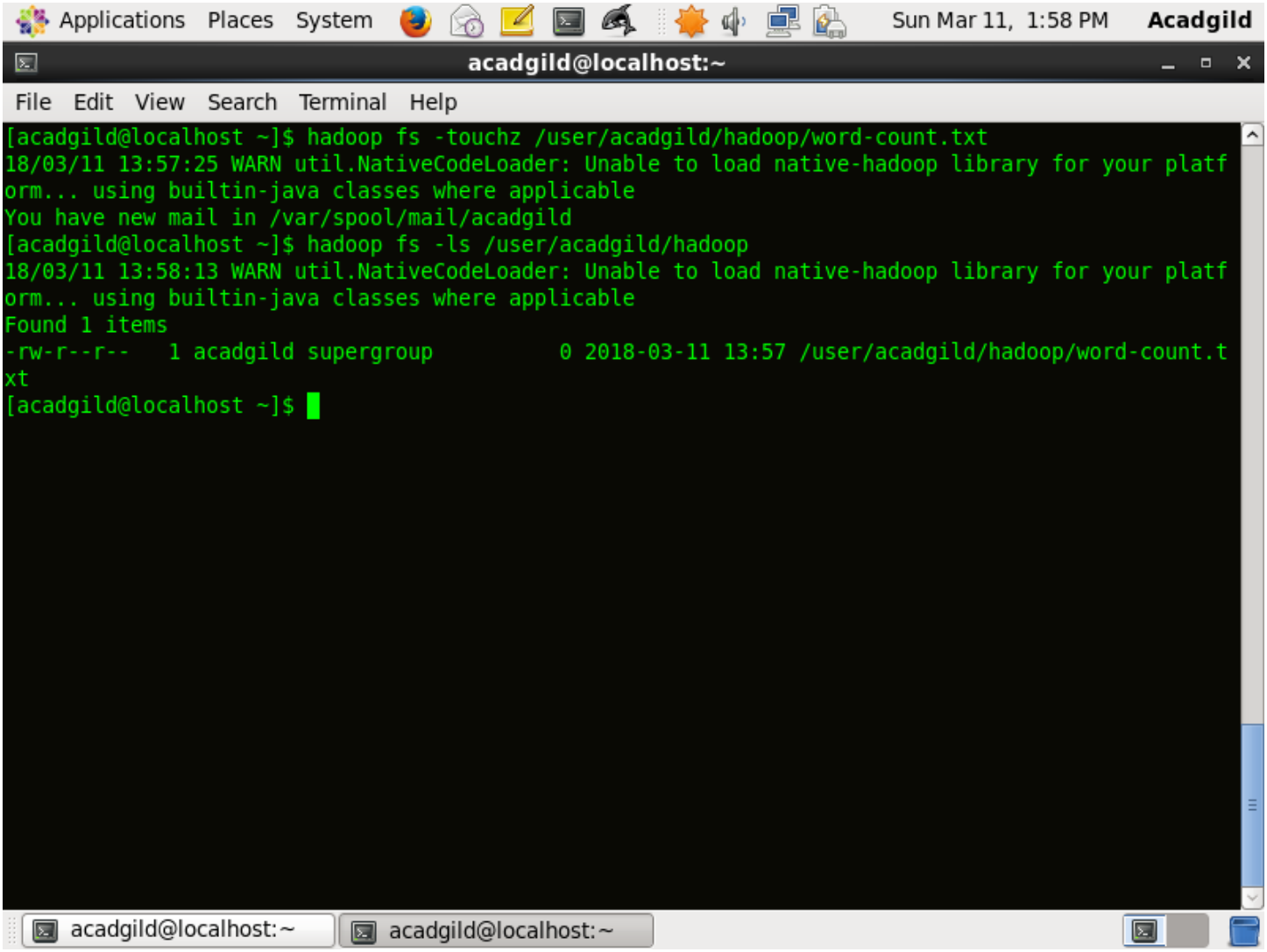
Now after running **hadoop fs ls -l /user/acadgild** , one can see the hadoop directory, hence it was successfully created



TASK 2:

To create a new file under /user/acadgild/hadoop with name word-count.txt the command is : **hadoop fs –touchz /user/acadgild/hadoop/word-count.txt**

Run **hadoop fs –ls /user/acadgild/hadoop** to check if the file word-count.txt was created successfully



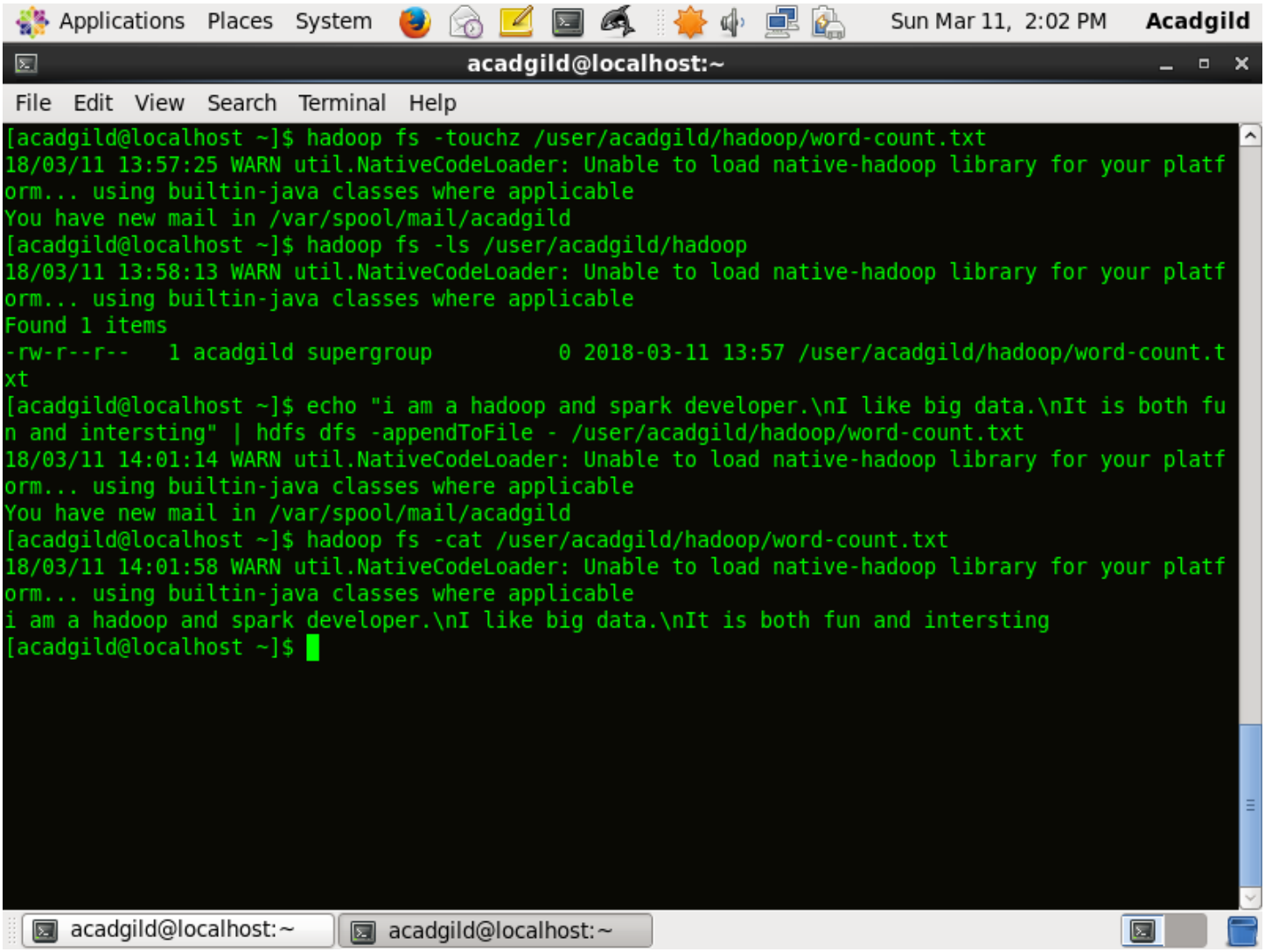
To append a file use the command : **hdfs dfs –appendToFile <src> <dest>**

In this case the file to be appended is word-count.txt under /user/acadgild/hadoop, but the input is stdin and not any particular source file.

The stdin is provided by using the command : **echo “<text you want to append>”**

The output of above command will be appended to word-count.txt so the final command is : **echo “<text you want to append>” | hdfs -dfs –appendToFile – /user/acadgild/hadoop/word-count.txt**

Use command **hadoop fs –cat /user/acadgild/hadoop/word-count.txt** to check the content of your appended file.



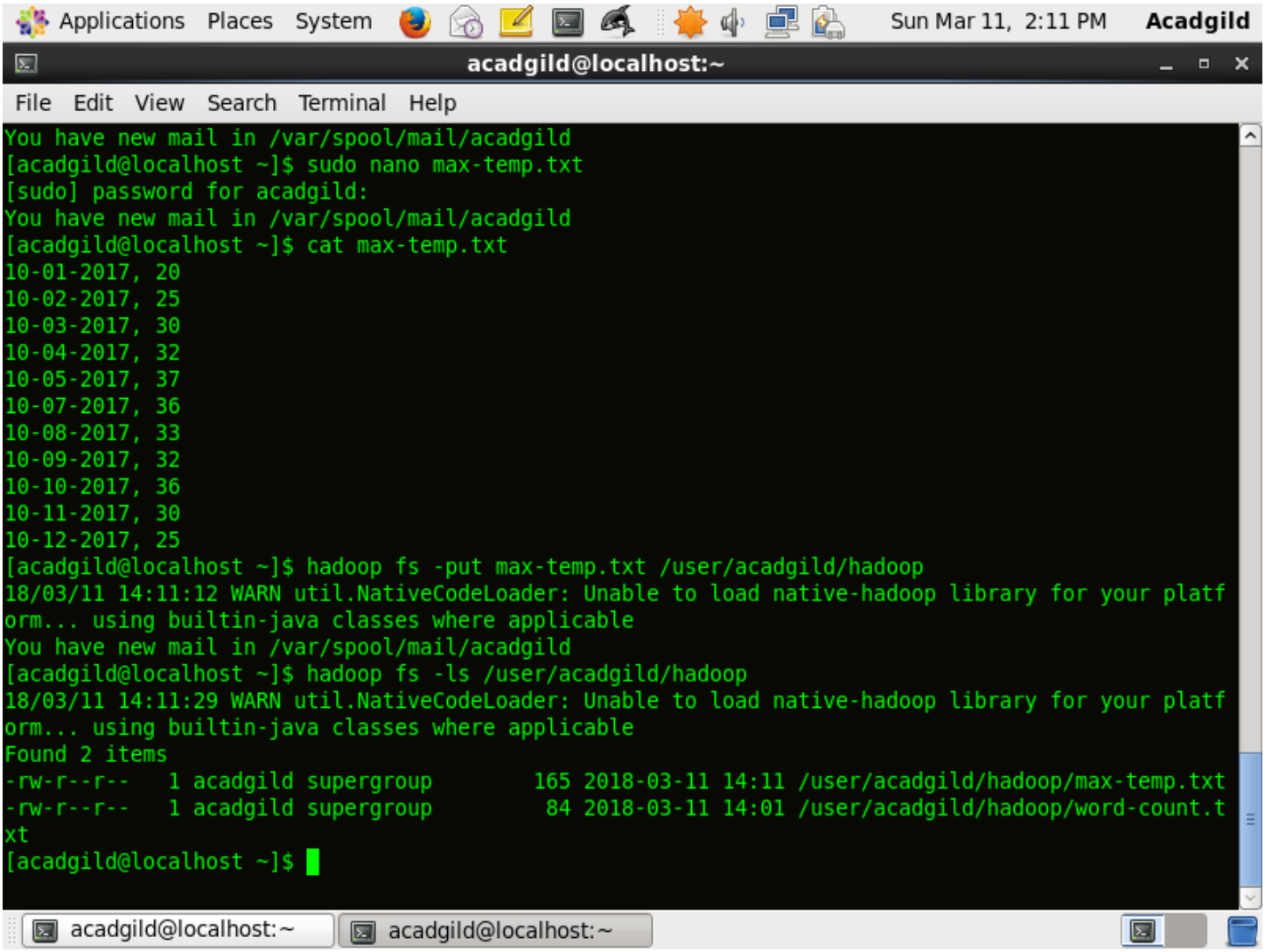
Task 3 :

Creating a file max-temp in local FS by command **sudo nano map-text.txt**

Then Enter your data and press ctrl+O to overwrite then press enter to confirm filename and ctrl+X to exit

Using cat command to view the data

Then to copy the max-temp.txt to /user/acadgild/hadoop directory use command **hadoop fs –put max-temp.txt /user/acadgild/hadoop**



TASK 4 :

It follows a 3 digit notation corresponding to permissions for owner group and others correspondingly. 4 means read, 6 means read/write and 7 means read/write/execute

Run the command **hadoop fs –chmod 770 /user/acadgild/hadoop/max-temp.txt**