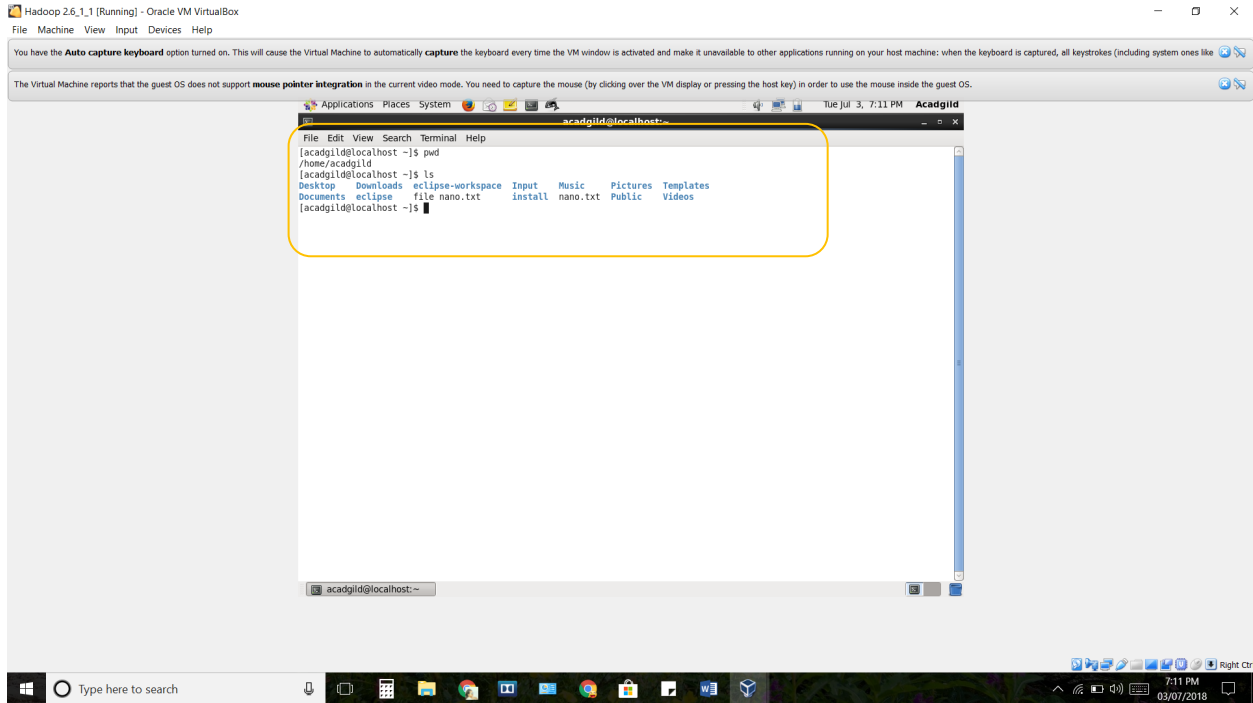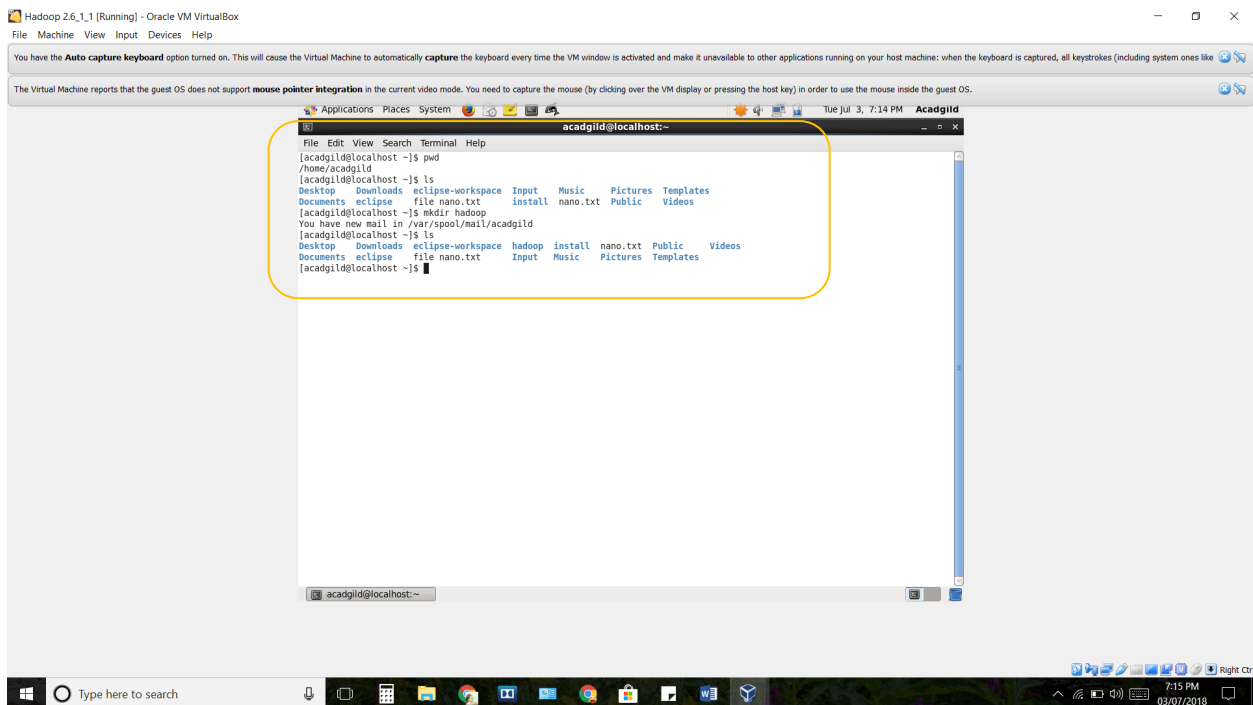# Assignment 2

Tasks of Big DATA Hadoop Development

1. Check whether directory exists in /home/acadgild, if not create one as /home/acadgild/hadoop
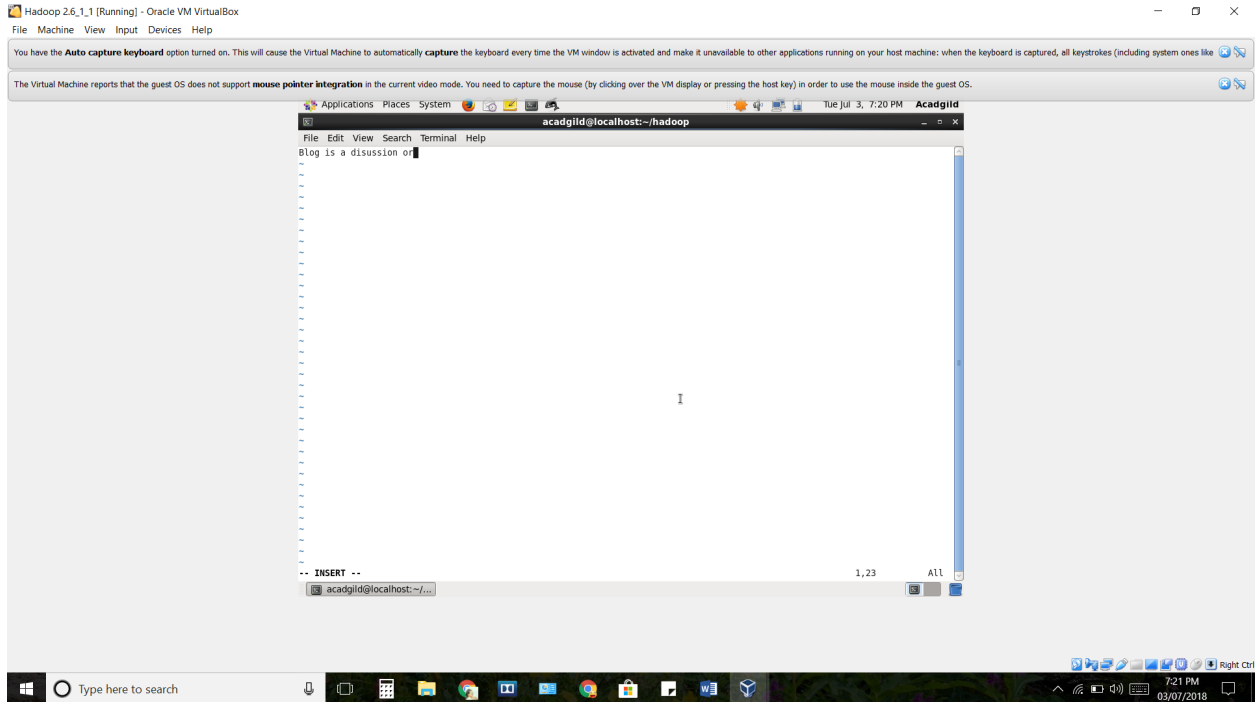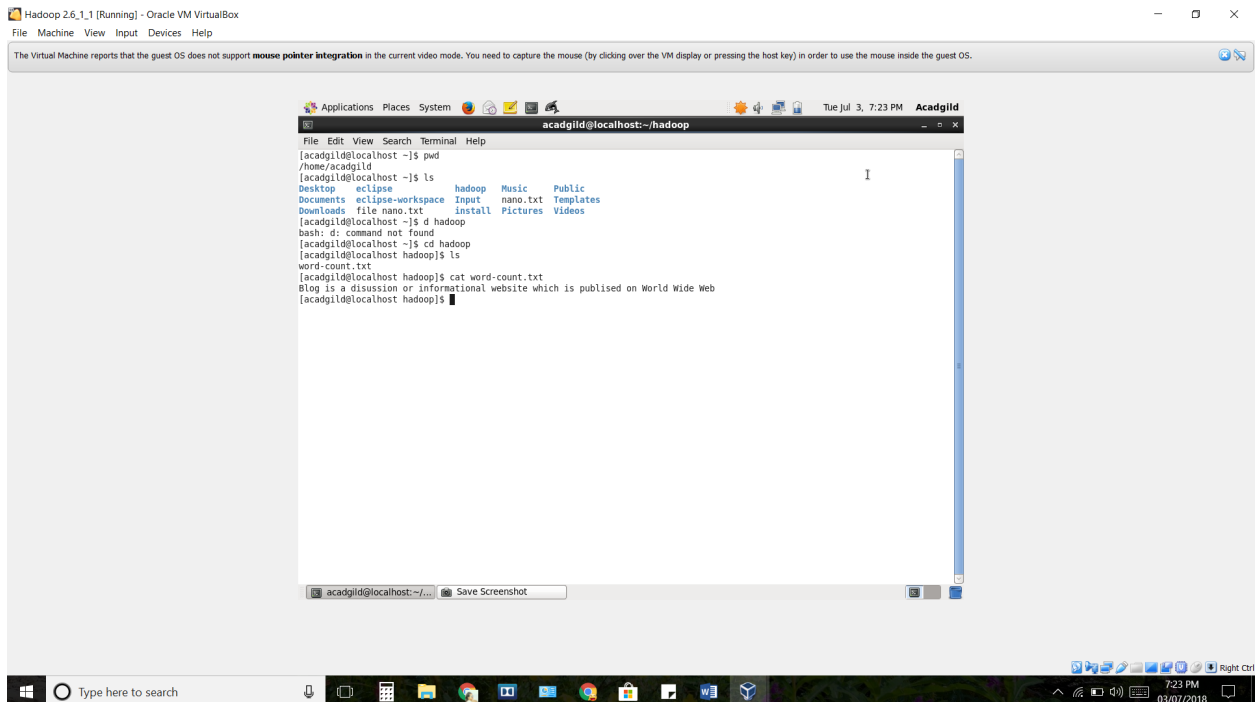

- Created Directory with name 'hadoop'

2. Make File in /home/acadgild/Hadoop with name word-count.txt and add some content in file
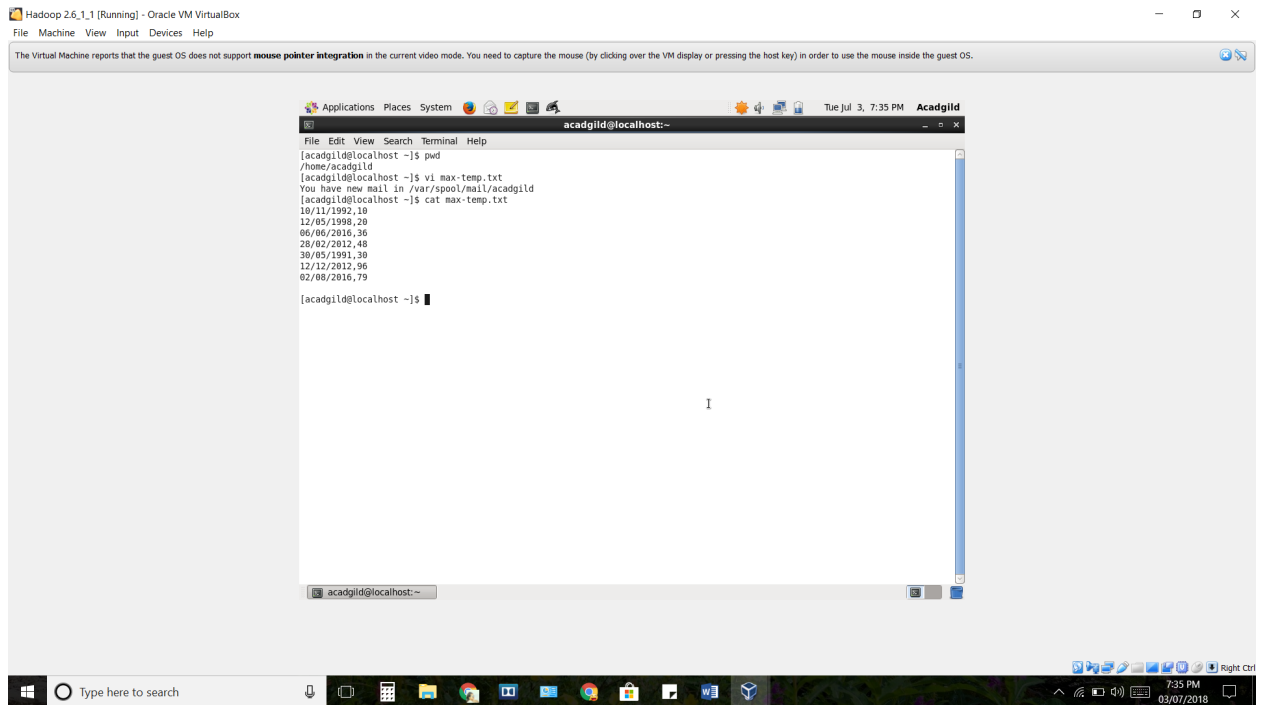
- Adding context in word-count.txt

- Content added in word-count.txt file 'cat' command is used to display the content

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

- Created file in Local Fs with name max-temp.txt

- Move file in HDFS home/acadgild/Hadoop using mv cmd

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.

- Checked permission on file using ls −l /file-name/

- Change permission on file max-tem.txt using chmod 770

- Chmod 770 –Will have full control with Owner(0) and Group(7) and No control to others(0)

- Used ls –l command to check permission on file

- In second block below we can see only Owner and Group have rwx and others have no access

Applications Places System   Tue Jul 3, 7:53 PM **Acadgild**

acadgild@localhost:~/hadoop

File Edit View Search Terminal Help

```
[acadgild@localhost ~]$ pwd
/home/acadgild
[acadgild@localhost ~]$ vi max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ cat max-temp.txt
10/11/1992,10
12/05/1998,20
06/06/2016,36
28/02/2012,48
30/05/1991,30
12/12/2012,96
02/08/2016,79

[acadgild@localhost ~]$ mv max-temp.txt /home/acadgild/hadoop
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ pwd
/home/acadgild
[acadgild@localhost ~]$ cd hadoop
[acadgild@localhost hadoop]$ ls
max-temp.txt  word-count.txt
[acadgild@localhost hadoop]$ ls -l max-temp.txt
-rw-rw-r--. 1 acadgild acadgild 99 Jul  3 19:34 max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost hadoop]$ chmod 770 max-temp.txt
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost hadoop]$ ls
ls: cannot access -: No such file or directory
[acadgild@localhost hadoop]$ ls-l max-temp.txt
bash: ls-l: command not found
[acadgild@localhost hadoop]$ ls -l
total 8
-rwxrwx---. 1 acadgild acadgild 99 Jul  3 19:34 max-temp.txt
-rw-rw-r--. 1 acadgild acadgild 81 Jul  3 19:21 word-count.txt
[acadgild@localhost hadoop]$ 
```

acadgild@localhost:~/...