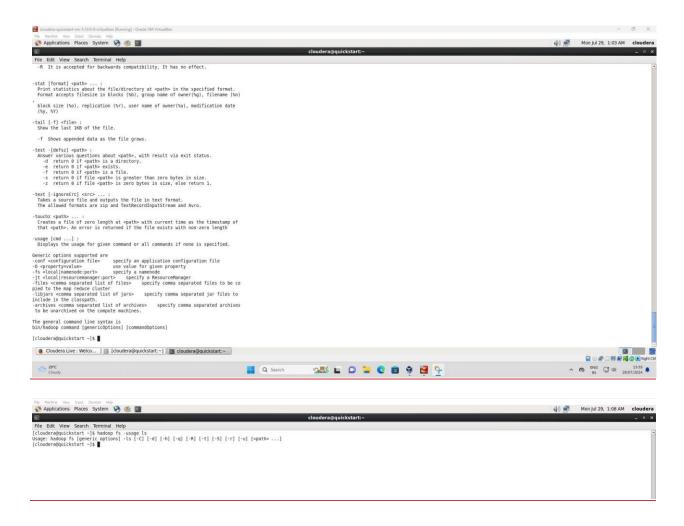
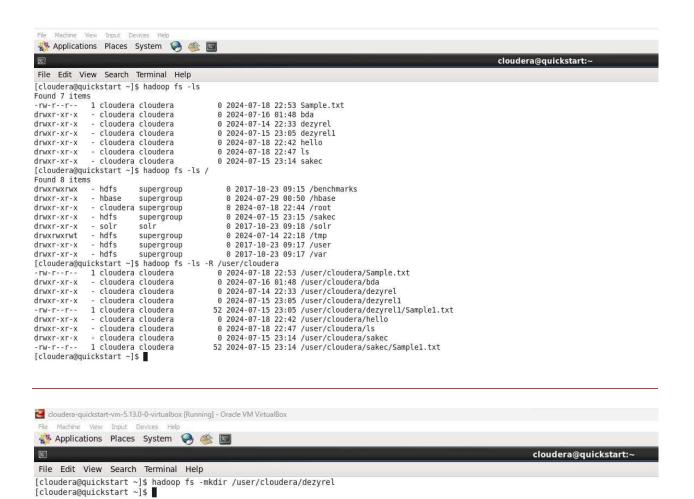
Experiment No. 1

Name: Rahul Sanjay Das Class: BE4

Roll No. 09





```
[cloudera@quickstart ~]$ ls
[cloudera@quickstart ~]s ts
cloudera-manager Desktop eclipse
cm_api.py Documents enterprise-deployment.json kerberos parcels sample1.
data Downloads express-deployment.json lib Pictures sample2.
[cloudera@quickstart ~]s hadoop fs -copyFromLocal sample1.txt /user/cloudera/dezyrel
[cloudera@quickstart ~]s haadoop fs -moveFromLocal sample3.txt /user/cloudera/dezyrel
bash: haadoop: command not found
                                                                                                                  sample3.txt Videos
                                                                                                  sample1.txt
                                                                                                                  sample.txt
                                                                                                  sample2.txt Templates
[cloudera@quickstart ~]\$ hadoop fs -moveFromLocal sample3.txt /user/cloudera/dezyrel [cloudera@quickstart ~]\$ ls
condera-manager data Documents eclipse expres
cm_api.py Desktop Downloads enterprise-deployment.json folder
[cloudera@quickstart ~]$ hadoop fs -du /user/cloudera/dezyrel
                                                                                   express-deployment.json kerberos Music folder lib parcel
                                                                                                                                           Pictures sample1.txt sample.txt Videos
  0 /user/cloudera/dezyrel/sample.txt
0 /user/cloudera/dezyrel/sample1.txt
      /user/cloudera/dezyrel/sample3.txt
[cloudera@quickstart ~]$ hadoop fs -df
                                                  Size
                                                                Used
                                                                           Available Use%
Filesystem
hdfs://quickstart.cloudera:8020 58531520512 872669184 45669336588 [cloudera@quickstart ~]$ ■
 [cloudera@quickstart ~]$ hadoop fs -df
 Filesystem
                                                                                       Size
                                                                                                              Used
                                                                                                                                Available Use%
 hdfs://quickstart.cloudera:8020 58531520512 872669184 45669336588
 [cloudera@quickstart ~]$ hadoop fs -cat /user/cloudera/dezyrel/sample1.txt
 [cloudera@quickstart ~]$ hadoop fs -cat /user/cloudera/dezyrel/sample1.txt
```

THIS IS A SAMPLE FILE

```
[cloudera@quickstart ~]$ hadoop fs -ls /user/cloudera/dezyrel
Found 3 items
-rw-r--r-- 1 cloudera cloudera
-rw-r--r-- 1 cloudera cloudera
                                            0 2024-08-05 00:59 /user/cloudera/dezyrel/sample.txt
                                            0 2024-08-05 01:05 /user/cloudera/dezyrel/sample1.txt
-rw-r--r-- 1 cloudera cloudera
                                            0 2024-08-05 01:10 /user/cloudera/dezyrel/sample3.txt
[cloudera@quickstart ~]$ hadoop fs -ls /user/cloudera/dezyre
[cloudera@quickstart ~]$ hadoop fs -mv /user/cloudera/dezyrel/sample1.txt /user/cloudera/dezyre/
[cloudera@quickstart ~]$
[cloudera@quickstart ~]$ hadoop fs -ls /user/cloudera/dezyre
Found 1 items
-rw-r--r-- 1 cloudera cloudera
                                            0 2024-08-05 01:05 /user/cloudera/dezyre/sample1.txt
[cloudera@quickstart ~] $ hadoop fs -mkdir /home/cloudera/hdfs bkp
mkdir: `/home/cloudera/hdfs bkp': No such file or directory
[cloudera@quickstart ~]$ hadoop fs -mkdir /user/cloudera/hdfs_bkp
[cloudera@quickstart ~]$ hadoop fs -copyToLocal /user/cloudera/dezyrel/sample.txt /home/cloudera/hdfs_bkp
[cloudera@quickstart ~]$ ls -l /home/cloudera/hdfs bkp
-rw-r--r-- 1 cloudera cloudera 0 Aug 5 01:37 /home/cloudera/hdfs_bkp
[cloudera@quickstart ~]$ hadoop fs -touchz /user/cloudera/dezyrel/Sample4.txt
[cloudera@quickstart ~]$ hadoop fs -ls /user/cloudera/dezyrel/
Found 4 items
-rw-r--r-- 1 cloudera cloudera
                                             0 2024-08-05 01:41 /user/cloudera/dezyrel/Sample2.txt
-rw-r--r-- 1 cloudera cloudera
                                            0 2024-08-05 01:41 /user/cloudera/dezyrel/Sample4.txt
-rw-r--r-- 1 cloudera cloudera
                                           86 2024-08-05 01:01 /user/cloudera/dezyrel/emp data.txt
-rw-r--r-- 1 cloudera cloudera
                                           0 2024-08-05 00:57 /user/cloudera/dezyrel/sample.txt
[cloudera@quickstart ~]$ S
```

```
File Edit View Search Terminal Help
[cloudera@quickstart ~]$ sudo -u hdfs hadoop fs -mkdir /dezyre
         '/dezyre': File exists
[cloudera@quickstart -]$ sudo -u hdfs hadoop fs -mkdir /dezyre3
[cloudera@quickstart -]$ hadoop fs -ls
Found 8 items
drwxr-xr-x
                  cloudera cloudera
                                                   0 2024-07-18 22:42 abd
drwxr-xr-x
                  cloudera cloudera
                                                   0 2024-07-18 22:41 bda
                                                   0 2024-07-29 22:48 departments
0 2024-08-05 01:41 dezyrel
drwxr-xr-x
                  cloudera cloudera
drwxr-xr-x
                - cloudera cloudera
drwxr-xr-x
                - cloudera cloudera
                                                   0 2024-07-15 22:46 dezyrel1
drwxr-xr-x
                - cloudera cloudera
                                                   0 2024-08-05 01:35 hdfs_bkp
                                                   0 2024-07-18 22:43 hello
drwxr-xr-x
                - cloudera cloudera
 - rw- r-- r--
                1 cloudera cloudera
                                                   0 2024-07-18 22:52 sample1.txt
[cloudera@quickstart ~]$ sudo -u hdfs hadoop fs -chgrp -R cloudera/dezyre3
 -chgrp: Not enough arguments: expected 2 but got 1
Usage: hadoop fs [generic options] -chgrp [-R] GROUP PATH...

[cloudera@quickstart ~]$ sudo -u hdfs hadoop fs -chgrp -R cloudera /dezyre3

[cloudera@quickstart ~]$ hadoop fs -ls /dezyre3

[cloudera@quickstart ~]$ hadoop fs -ls /
Found 11 items
drwxrwxrwx
                             supergroup
                                                      0 2017-10-23 09:15 /benchmarks
drwxr-xr-x
                  hdfs
                             supergroup
                                                      0 2024-07-18 22:44 /dezyre
drwxr-xr-x
                - hdfs
                             cloudera
                                                      0 2024-08-05 01:45 /dezyre3
                                                     0 2024-08-05 01:45 /de2y11
0 2024-07-29 23:28 /emp
0 2024-08-05 01:10 /hbase
                - cloudera supergroup
drwxr-xr-x
drwxr-xr-x
                  hbase
                             supergroup
drwxr-xr-x
                  hdfs
                             supergroup
                                                      0 2024-07-18 22:45 /qwerty
                                                     0 2024-07-15 23:18 /sakec
0 2017-10-23 09:18 /solr
drwxr-xr-x
                - cloudera supergroup
drwxr-xr-x
                - solr
                             solr
drwxrwxrwt
                - hdfs
                             supergroup
                                                        2024-07-14 22:18 /tmp
                                                     0 2017-10-23 09:17 /user
0 2017-10-23 09:17 /var
drwxr-xr-x
                - hdfs
                             supergroup
drwxr-xr-x - hdfs supergroup 0 2017-10-23 09:17 /var [cloudera@quickstart ~]$ sudo -u hdfs hadoop fs -chown -R cloudera /dezyre3
[cloudera@quickstart ~]$ hadoop fs -ls /
Found 11 items
               - hdfs
                                                     0 2017-10-23 09:15 /benchmarks
0 2024-07-18 22:44 /dezyre
drwxrwxrwx
                             supergroup
drwxr-xr-x
                - hdfs
                             supergroup
drwxr-xr-x
                  cloudera cloudera
                                                        2024-08-05 01:45 /dezyre3
drwxr-xr-x
                - cloudera supergroup
                                                      0 2024-07-29 23:28 /emp
                                                      0 2024-08-05 01:10 /hbase
drwxr-xr-x
                - hbase
                             supergroup
drwxr-xr-x
                  hdfs
                             supergroup
                                                      0 2024-07-18 22:45 /qwerty
drwxr-xr-x
                  cloudera
                             supergroup
                                                      0 2024-07-15 23:18 /sakec
drwxr-xr-x
                - solr
                             solr
                                                      0 2017-10-23 09:18 /solr
                             supergroup
                                                     0 2024-07-14 22:18 /tmp
0 2017-10-23 09:17 /user
drwxrwxrwt
                - hdfs
drwxr-xr-x
                - hdfs
                             supergroup
                  hdfs
                             supergroup
                                                      0 2017-10-23 09:17 /var
[cloudera@quickstart ~]$ 5
```