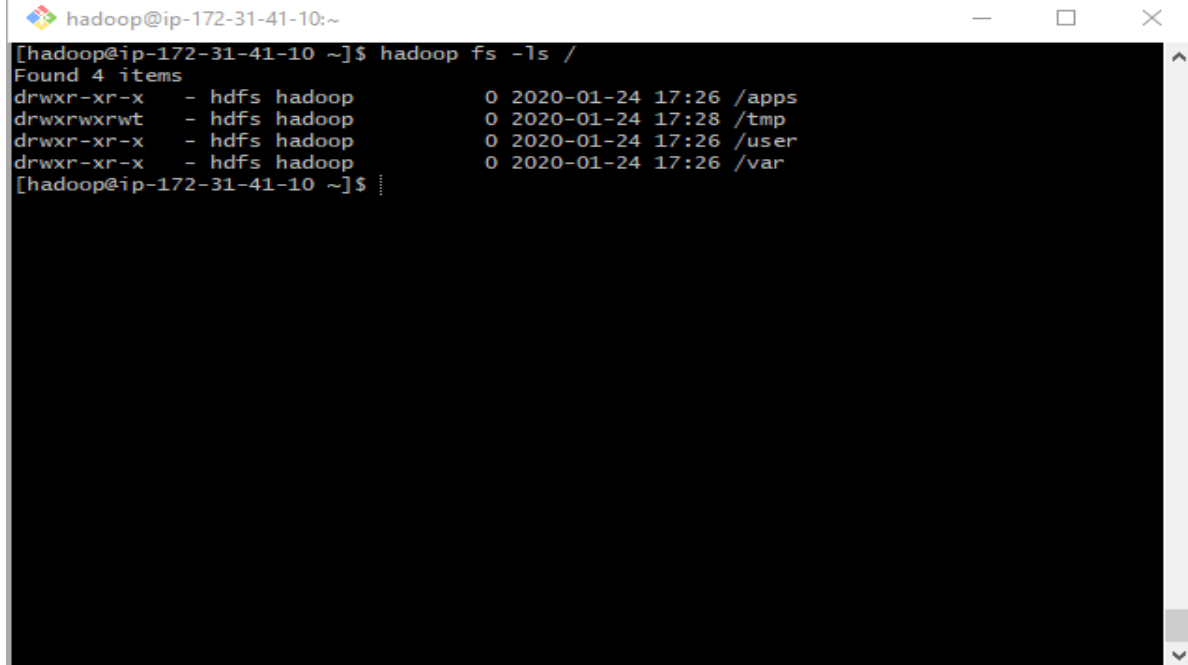


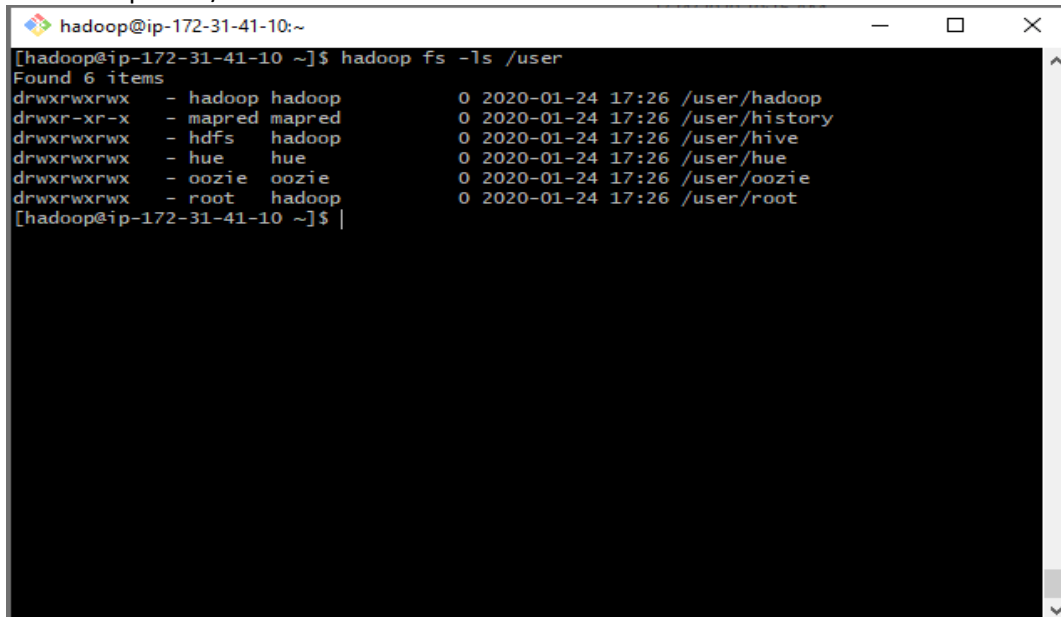
Rakshith Churchagundi Amarnath
[A20424771]
Assignment 2

9. `hadoop fs -ls /`



```
hadoop@ip-172-31-41-10:~  
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -ls /  
Found 4 items  
drwxr-xr-x - hdfs hadoop      0 2020-01-24 17:26 /apps  
drwxrwxrwt - hdfs hadoop      0 2020-01-24 17:28 /tmp  
drwxr-xr-x - hdfs hadoop      0 2020-01-24 17:26 /user  
drwxr-xr-x - hdfs hadoop      0 2020-01-24 17:26 /var  
[hadoop@ip-172-31-41-10 ~]$
```

10. `Hadoop fs -ls /user`



```
hadoop@ip-172-31-41-10:~  
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -ls /user  
Found 6 items  
drwxrwxrwx - hadoop hadoop      0 2020-01-24 17:26 /user/hadoop  
drwxr-xr-x - mapred mapred      0 2020-01-24 17:26 /user/history  
drwxrwxrwx - hdfs hadoop      0 2020-01-24 17:26 /user/hive  
drwxrwxrwx - hue hue          0 2020-01-24 17:26 /user/hue  
drwxrwxrwx - oozie oozie      0 2020-01-24 17:26 /user/oozie  
drwxrwxrwx - root hadoop      0 2020-01-24 17:26 /user/root  
[hadoop@ip-172-31-41-10 ~]$
```

11. `hadoop fs -mkdir /user/csp554`

```

hadoop@ip-172-31-41-10:~
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -ls /user
Found 6 items
drwxrwxrwx - hadoop hadoop      0 2020-01-24 17:26 /user/hadoop
drwxr-xr-x - mapred mapred      0 2020-01-24 17:26 /user/history
drwxrwxrwx - hdfs hadoop      0 2020-01-24 17:26 /user/hive
drwxrwxrwx - hue hue          0 2020-01-24 17:26 /user/hue
drwxrwxrwx - oozie oozie      0 2020-01-24 17:26 /user/oozie
drwxrwxrwx - root hadoop      0 2020-01-24 17:26 /user/root
[hadoop@ip-172-31-41-10 ~]$
[hadoop@ip-172-31-41-10 ~]$
[hadoop@ip-172-31-41-10 ~]$
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -mkdir /user/csp554
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -ls /user
Found 7 items
drwxr-xr-x - hadoop hadoop      0 2020-01-24 18:52 /user/csp554
drwxrwxrwx - hadoop hadoop      0 2020-01-24 17:26 /user/hadoop
drwxr-xr-x - mapred mapred      0 2020-01-24 17:26 /user/history
drwxrwxrwx - hdfs hadoop      0 2020-01-24 17:26 /user/hive
drwxrwxrwx - hue hue          0 2020-01-24 17:26 /user/hue
drwxrwxrwx - oozie oozie      0 2020-01-24 17:26 /user/oozie
drwxrwxrwx - root hadoop      0 2020-01-24 17:26 /user/root
[hadoop@ip-172-31-41-10 ~]$

```

12. `hadoop fs -mkdir /user/csp554-2`

```

hadoop@ip-172-31-41-10:~
drwxrwxrwx - oozie oozie      0 2020-01-24 17:26 /user/oozie
drwxrwxrwx - root hadoop      0 2020-01-24 17:26 /user/root
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -ls /user
^[[A^[[BFound 7 items
drwxr-xr-x - hadoop hadoop      0 2020-01-24 18:52 /user/csp554
drwxrwxrwx - hadoop hadoop      0 2020-01-24 17:26 /user/hadoop
drwxr-xr-x - mapred mapred      0 2020-01-24 17:26 /user/history
drwxrwxrwx - hdfs hadoop      0 2020-01-24 17:26 /user/hive
drwxrwxrwx - hue hue          0 2020-01-24 17:26 /user/hue
drwxrwxrwx - oozie oozie      0 2020-01-24 17:26 /user/oozie
drwxrwxrwx - root hadoop      0 2020-01-24 17:26 /user/root
[hadoop@ip-172-31-41-10 ~]$
[hadoop@ip-172-31-41-10 ~]$
[hadoop@ip-172-31-41-10 ~]$
[hadoop@ip-172-31-41-10 ~]$
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -mkdir /user/csp554-2
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -ls /user
Found 8 items
drwxr-xr-x - hadoop hadoop      0 2020-01-24 18:52 /user/csp554
drwxr-xr-x - hadoop hadoop      0 2020-01-24 18:53 /user/csp554-2
drwxrwxrwx - hadoop hadoop      0 2020-01-24 17:26 /user/hadoop
drwxr-xr-x - mapred mapred      0 2020-01-24 17:26 /user/history
drwxrwxrwx - hdfs hadoop      0 2020-01-24 17:26 /user/hive
drwxrwxrwx - hue hue          0 2020-01-24 17:26 /user/hue
drwxrwxrwx - oozie oozie      0 2020-01-24 17:26 /user/oozie
drwxrwxrwx - root hadoop      0 2020-01-24 17:26 /user/root
[hadoop@ip-172-31-41-10 ~]$

```

13.

```
hadoop fs -copyFromLocal /home/hadoop/rakshithca.txt /user/csp554
```

14.

```
hadoop fs -cp /user/csp554/rakshithca.txt /user/csp554-2
```

15.

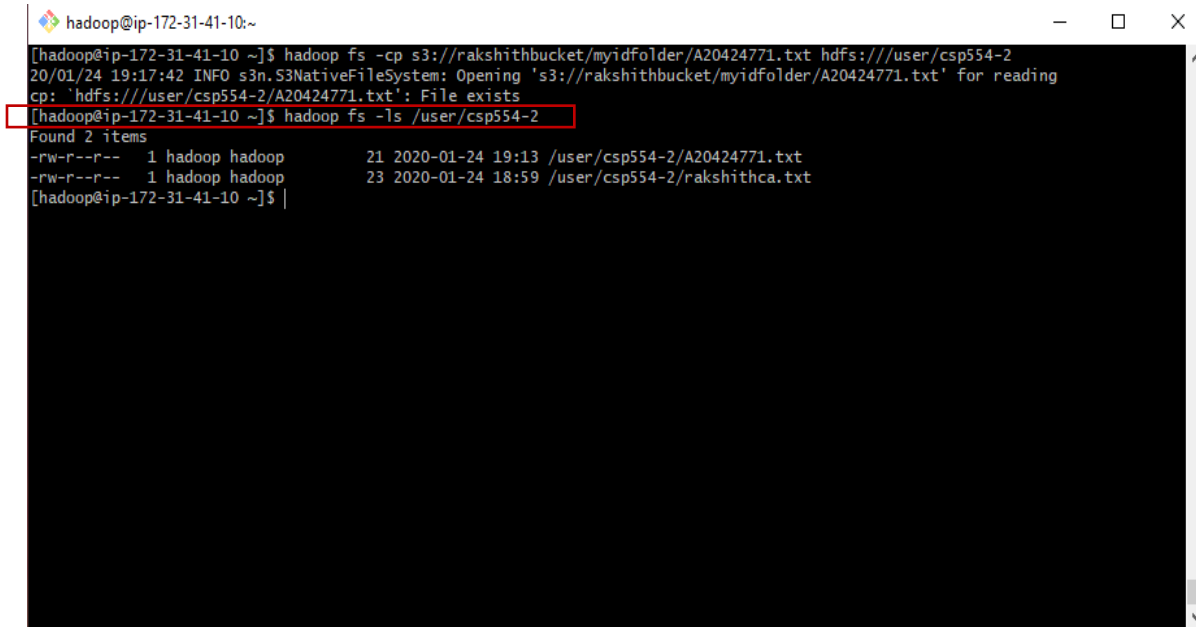
```
ls /home /hadoop
```

```
[hadoop@ip-172-31-41-10:~]$ aws s3 cp s3://rakshithbucket/myidfolder/A20424771.txt /home/hadoop/A20424771.txt  
download: s3://rakshithbucket/myidfolder/A20424771.txt to ./A20424771.txt  
[hadoop@ip-172-31-41-10 ~]$ ls /home/hadoop  
A20424771.txt rakshithca.txt
```

16.

```
hadoop fs -cp s3://rakshithbucket/myidfolder/A20424771.txt hdfs:///user/csp554-2
```

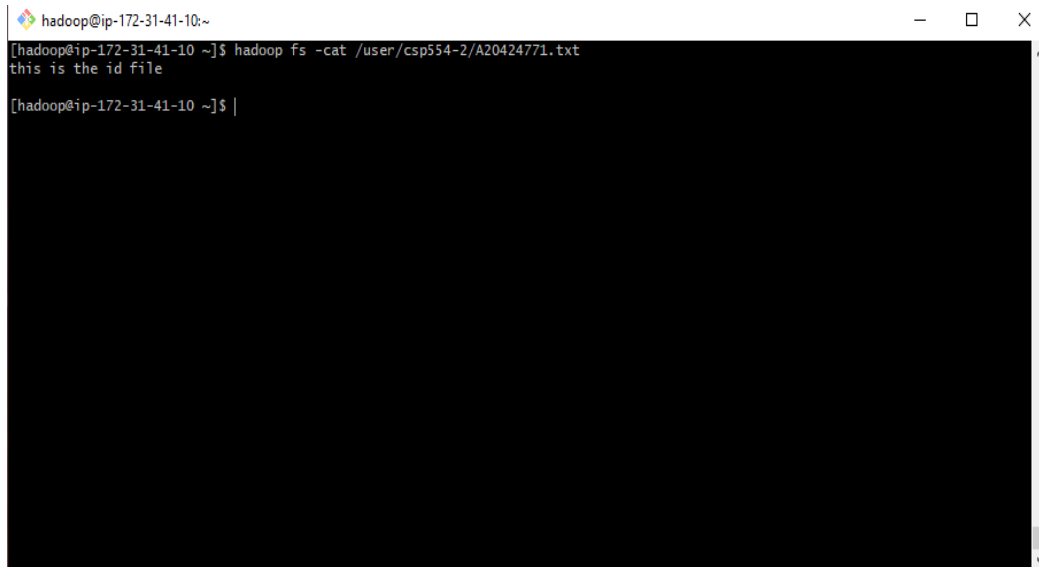
```
hadoop fs -ls /user/csp554-2
```

A terminal window with a black background and white text. The title bar shows 'hadoop@ip-172-31-41-10:~'. The terminal contains the following text:

```
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -cp s3://rakshithbucket/myidfolder/A20424771.txt hdfs:///user/csp554-2
20/01/24 19:17:42 INFO s3n.S3NativeFileSystem: Opening 's3://rakshithbucket/myidfolder/A20424771.txt' for reading
cp: 'hdfs:///user/csp554-2/A20424771.txt': File exists
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -ls /user/csp554-2
Found 2 items
-rw-r--r-- 1 hadoop hadoop      21 2020-01-24 19:13 /user/csp554-2/A20424771.txt
-rw-r--r-- 1 hadoop hadoop      23 2020-01-24 18:59 /user/csp554-2/rakshithca.txt
[hadoop@ip-172-31-41-10 ~]$ |
```

The command `hadoop fs -ls /user/csp554-2` and its output are highlighted with a red box.

17. `hadoop fs -cat /user/csp554-2/A20424771.txt`

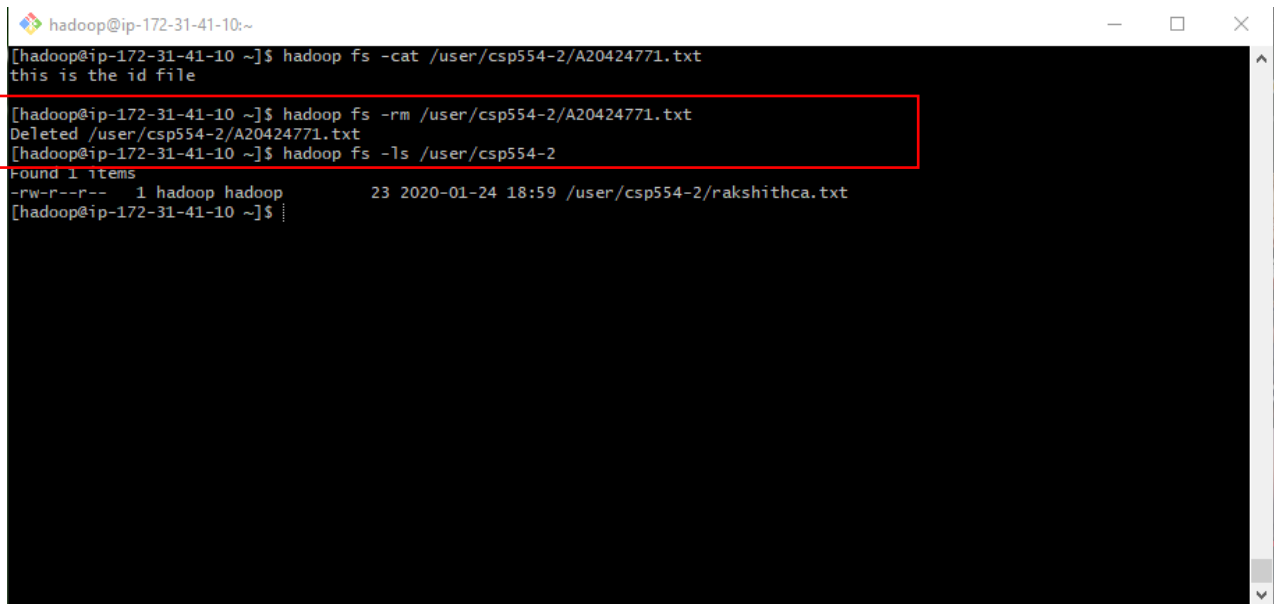


```
hadoop@ip-172-31-41-10:~  
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -cat /user/csp554-2/A20424771.txt  
this is the id file  
[hadoop@ip-172-31-41-10 ~]$
```

18.

`hadoop fs -rm /user/csp554-2/A20424771.txt`

`hadoop fs -ls /user.csp-554`



```
hadoop@ip-172-31-41-10:~  
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -cat /user/csp554-2/A20424771.txt  
this is the id file  
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -rm /user/csp554-2/A20424771.txt  
Deleted /user/csp554-2/A20424771.txt  
[hadoop@ip-172-31-41-10 ~]$ hadoop fs -ls /user/csp554-2  
Found 1 items  
-rw-r--r-- 1 hadoop hadoop      23 2020-01-24 18:59 /user/csp554-2/rakshithca.txt  
[hadoop@ip-172-31-41-10 ~]$
```