CSP 554- Assignment 2

A20467229 - Atharva Tanaji Kadam

9.

```
[(base) hrishikashelar@Hrishikas-MacBook-Air ~ % ssh -i /Users/hrishikashelar/Desktop/atharva/emr-key-pair.pem hadoop@ec2-3-80-104-95.compute-1.amazonaws.com
The authenticity of host 'ec2-3-80-104-95.compute-1.amazonaws.com (3.80.104.95)' can't be established.
ED25519 key fingerprint is SHA256:iPIh33bdb/Pm6Is55SY4RW3kUexWcimA8RUdsYwuhu4.
[This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-3-80-104-95.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
Last login: Mon Sep 12 00:47:55 2022

     __|  __|_  )
     _|  (     /   Amazon Linux 2 AMI
     ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
17 package(s) needed for security, out of 37 available
Run "sudo yum update" to apply all updates.

EEEEEEEEEEEEEEEEEEEE MMMMMMMM          MMMMMMMM RRRRRRRRRRRRRRRR
E::::::::::::::::::E M:::::::M        M:::::::M R::::::::::::::R
EE:::::EEEEEEEEE::E M:::::::M        M:::::::M R:::::RRRRRR:::::R
  E::::E        EEEEE M::::::::M      M:::::::::M RR::::R      R::::R
  E::::E            M:::::M:::M      M:::M:::::M  R::::R      R::::R
  E:::::EEEEEEEEEE    M:::::M M:::M  M:::M M:::::M  R:::RRRRRR:::::R
  E::::::::::::::E    M:::::M  M:::M::::M  M:::::M  R:::::::::::RR
  E:::::EEEEEEEEEE    M:::::M    M:::::M    M:::::M  R:::RRRRRR::::R
  E::::E            M:::::M    M:::M    M:::::M  R:::R      R::::R
  E::::E        EEEEE M:::::M     MMM     M:::::M  R:::R      R::::R
EE:::::EEEEEEEE::::E M:::::M            M:::::M  R:::R      R::::R
E::::::::::::::::::E M:::::M            M:::::M RR::::R      R::::R
EEEEEEEEEEEEEEEEEEEE MMMMMMM            MMMMMMM RRRRRRR      RRRRRR

[hadoop@ip-172-31-27-146 ~]$ ls
[hadoop@ip-172-31-27-146 ~]$ Is
-bash: Is: command not found
[hadoop@ip-172-31-27-146 ~]$ ls
[hadoop@ip-172-31-27-146 ~]$ hadoop fs -ls /
Found 4 items
drwxr-xr-x   - hdfs hdfsadmingroup          0 2022-09-12 00:46 /apps
drwxrwxrwt   - hdfs hdfsadmingroup          0 2022-09-12 00:49 /tmp
drwxr-xr-x   - hdfs hdfsadmingroup          0 2022-09-12 00:46 /user
drwxr-xr-x   - hdfs hdfsadmingroup          0 2022-09-12 00:46 /var
```

10.

```
hadoop@ip-172-31-27-146 ~]$ hadoop fs -ls /user
ound 6 items
rwxrwxrwx   - hadoop hdfsadmingroup          0 2022-09-12 00:46 /user/hadoop
rwxr-xr-x   - mapred mapred                  0 2022-09-12 00:46 /user/history
rwxrwxrwx   - hdfs   hdfsadmingroup          0 2022-09-12 00:46 /user/hive
rwxrwxrwx   - hue    hue                     0 2022-09-12 00:46 /user/hue
rwxrwxrwx   - oozie  oozie                   0 2022-09-12 00:49 /user/oozie
rwxrwxrwx   - root   hdfsadmingroup          0 2022-09-12 00:46 /user/root
hadoop@ip-172-31-27-146 ~]$
```

11.

```
[[hadoop@ip-172-31-27-146 ~]$ hadoop fs -mkdir /user/csp554
[[hadoop@ip-172-31-27-146 ~]$ hadoop fs -ls /user
 Found 7 items
 drwxr-xr-x   - hadoop hdfsadmingroup          0 2022-09-12 01:18 /user/csp554
 drwxrwxrwx   - hadoop hdfsadmingroup          0 2022-09-12 00:46 /user/hadoop
 drwxr-xr-x   - mapred mapred                  0 2022-09-12 00:46 /user/history
 drwxrwxrwx   - hdfs   hdfsadmingroup          0 2022-09-12 00:46 /user/hive
 drwxrwxrwx   - hue    hue                     0 2022-09-12 00:46 /user/hue
 drwxrwxrwx   - oozie  oozie                   0 2022-09-12 00:49 /user/oozie
 drwxrwxrwx   - root   hdfsadmingroup          0 2022-09-12 00:46 /user/root
 [hadoop@ip-172-31-27-146 ~]$
```

12.

```
[[hadoop@ip-172-31-27-146 ~]$ hadoop fs -mkdir /user/csp554-2
[[hadoop@ip-172-31-27-146 ~]$ hadoop fs -ls /user
 Found 8 items
 drwxr-xr-x   - hadoop hdfsadmingroup          0 2022-09-12 01:18 /user/csp554
 drwxr-xr-x   - hadoop hdfsadmingroup          0 2022-09-12 01:19 /user/csp554-2
 drwxrwxrwx   - hadoop hdfsadmingroup          0 2022-09-12 00:46 /user/hadoop
 drwxr-xr-x   - mapred mapred                  0 2022-09-12 00:46 /user/history
 drwxrwxrwx   - hdfs   hdfsadmingroup          0 2022-09-12 00:46 /user/hive
 drwxrwxrwx   - hue    hue                     0 2022-09-12 00:46 /user/hue
 drwxrwxrwx   - oozie  oozie                   0 2022-09-12 00:49 /user/oozie
 drwxrwxrwx   - root   hdfsadmingroup          0 2022-09-12 00:46 /user/root
 [hadoop@ip-172-31-27-146 ~]$ ▊
```

13.

```
copyFromLocal.  /home/hadoop/A20467229.txt : No such file or directory
 [hadoop@ip-172-31-27-146 ~]$ hadoop fs -copyFromLocal /home/hadoop/Atharva.txt /user/csp554
[[hadoop@ip-172-31-27-146 ~]$ hadoop fs -ls /user/csp554
 Found 1 items
 -rw-r--r--   1 hadoop hdfsadmingroup         23 2022-09-12 01:55 /user/csp554/Atharva.txt
[[hadoop@ip-172-31-27-146 ~]$ ▊
```

14.

```
[[hadoop@ip-172-31-27-146 ~]$ hadoop fs -cp /user/csp554/Atharva.txt /user/csp554-2
[[hadoop@ip-172-31-27-146 ~]$ hadoop fs -ls /user/csp554-2
 Found 1 items
 -rw-r--r--   1 hadoop hdfsadmingroup         23 2022-09-12 01:56 /user/csp554-2/Atharva.txt
 [hadoop@ip-172-31-27-146 ~]$ ▊
```

15.

```
 [hadoop@ip-172-31-61-108 ~]$ hadoop fs -cp /user/csp554/Atharva.txt /user/csp554-2
 [hadoop@ip-172-31-61-108 ~]$ aws s3 cp s3://atharva-assignment2/A20467229.txt /home/hadoop/A20467229.txt
[download: s3://atharva-assignment2/A20467229.txt to ./A20467229.txt
 [hadoop@ip-172-31-61-108 ~]$ ls /home/hadoop
[A20467229.txt  Atharva.txt
 [hadoop@ip-172-31-61-108 ~]$ ▊
```

16.

```
command [genericOptions] [commandOptions]

[[hadoop@ip-172-31-61-108 ~]$ hadoop fs -cp s3://atharva-assignment2/A20467229.txt hdfs:///user/csp554-2
22/09/12 02:28:21 INFO s3n.S3NativeFileSystem: Opening 's3://atharva-assignment2/A20467229.txt' for reading
[[hadoop@ip-172-31-61-108 ~]$ hadoop fs -cat/user/csp554-2/A20467229.txt
-cat/user/csp554-2/A20467229.txt: Unknown command
Usage: hadoop fs [generic options]
```

17.

```
command [genericOptions] [commandOptions]

[[hadoop@ip-172-31-61-108 ~]$ hadoop fs -cat /user/csp554-2/A20467229.txt
 this is the id file

 [hadoop@ip-172-31-61-108 ~]$ ▊
```

18.

```
[[hadoop@ip-172-31-61-108 ~]$ hadoop fs -rm /user/csp554-2/A20467229.txt
 Deleted /user/csp554-2/A20467229.txt
 [hadoop@ip-172-31-61-108 ~]$ ▊
```