

Assignment -2 || Akshay Jain || A20502846 || CSP 554 || Fall 2022

Question 1

- Command

```
hadoop fs -ls /
```

Screenshot:

```
[[hadoop@ip-172-31-37-236 ~]$ hadoop fs -ls /
Found 4 items
drwxr-xr-x   - hdfs hdfsadmingroup      0 2022-09-13 02:01 /apps
drwxrwxrwt   - hdfs hdfsadmingroup      0 2022-09-13 02:03 /tmp
drwxr-xr-x   - hdfs hdfsadmingroup      0 2022-09-13 02:01 /user
drwxr-xr-x   - hdfs hdfsadmingroup      0 2022-09-13 02:01 /var
```

Question 2

- Command

```
hadoop fs -ls /user
```

Screenshot:

```
[[hadoop@ip-172-31-37-236 ~]$ hadoop fs -ls /user
Found 6 items
drwxrwxrwx   - hadoop hdfsadmingroup      0 2022-09-13 02:01 /user/hadoop
drwxr-xr-x   - mapred mapred              0 2022-09-13 02:01 /user/history
drwxrwxrwx   - hdfs  hdfsadmingroup      0 2022-09-13 02:01 /user/hive
drwxrwxrwx   - hue   hue                0 2022-09-13 02:01 /user/hue
drwxrwxrwx   - oozie oozie              0 2022-09-13 02:03 /user/oozie
drwxrwxrwx   - root  hdfsadmingroup      0 2022-09-13 02:01 /user/root
```

Question 3

- Command

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

Question 4

- Command

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

Question 5

- Command

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

Question 6

- Command

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

Question 7

- Screenshot

```
[hadoop@ip-172-31-77-171 ~]$ ls /home/hadoop
A20502846.txt  akshayjain.txt
```

Question 8

- Command

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

- Screenshot

```
[hadoop@ip-172-31-37-236 ~]$ hadoop fs -ls /user/csp554-2
Found 2 items
-rw-r--r--  1 hadoop hdfsadmingroup      47 2022-09-13 02:21 /user/csp554-2/A20502846.txt
-rw-r--r--  1 hadoop hdfsadmingroup      37 2022-09-13 02:17 /user/csp554-2/akshayjain.txt
```

Question 9

- Command

```
hadoop fs -cat /user/csp554-2/A20474694.txt
```

- Screenshot

```
[hadoop@ip-172-31-37-236 ~]$ hadoop fs -cat /user/csp554-2/A20502846.txt

Assignment 2 text file:
```

Question 10

- Command

```
hadoop fs -rm /user/csp554-2/A20474694.txt
```

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

- Screenshot

```
[hadoop@ip-172-31-37-236 ~]$ hadoop fs -ls /user/csp554-2
Found 1 items
-rw-r--r--  1 hadoop hdfsadmingroup      37 2022-09-13 02:17 /user/csp554-2/akshayjain.txt
```