


CS 595 - Assignment 2

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Question 10:

Command `hadoop fs -ls /`

```


 maria_dev@sandbox:~
jagru@DESKTOP-FOH504G MINGW64 ~
$ ssh -p 2222 maria_dev@localhost
maria_dev@localhost's password:
Last login: Mon Jan 22 17:47:06 2018 from 172.17.0.1
[maria_dev@sandbox ~]$ hadoop fs -ls /
Found 12 items
drwxrwxrwx - yarn      hadoop      0 2016-10-25 08:10 /app-logs
drwxr-xr-x - hdfs      hdfs      0 2016-10-25 07:54 /apps
drwxr-xr-x - yarn      hadoop      0 2016-10-25 07:48 /ats
drwxr-xr-x - hdfs      hdfs      0 2016-10-25 08:01 /demo
drwxr-xr-x - hdfs      hdfs      0 2016-10-25 07:48 /hdp
drwxr-xr-x - mapred    hdfs      0 2016-10-25 07:48 /mapred
drwxrwxrwx - mapred    hadoop      0 2016-10-25 07:48 /mr-history
drwxr-xr-x - hdfs      hdfs      0 2016-10-25 07:47 /ranger
drwxrwxrwx - spark     hadoop      0 2018-01-22 18:09 /spark-history
drwxrwxrwx - spark     hadoop      0 2016-10-25 08:14 /spark2-history
drwxrwxrwx - hdfs      hdfs      0 2016-10-25 08:11 /tmp

```

Question 11:

Command `hadoop fs -ls /user`

```

 maria_dev@sandbox:~
[maria_dev@sandbox ~]$ hadoop fs -ls /user
Found 14 items
drwxr-xr-x - admin      hdfs      0 2016-12-15 09:48 /user/admin
drwxrwx--- - ambari-qa  hdfs      0 2016-10-25 07:47 /user/ambari-qa
drwxr-xr-x - amy_ds     hdfs      0 2016-10-25 08:02 /user/amy_ds
drwxr-xr-x - maria_dev  hdfs      0 2018-01-22 05:28 /user/cs595
drwxr-xr-x - hbase      hdfs      0 2016-10-25 07:48 /user/hbase
drwxr-xr-x - hcat       hdfs      0 2016-10-25 07:51 /user/hcat
drwxr-xr-x - hive       hdfs      0 2016-10-25 08:10 /user/hive
drwxr-xr-x - holger_gov hdfs      0 2016-10-25 08:03 /user/holger_gov
drwxrwxr-x - livy       hdfs      0 2016-10-25 07:49 /user/livy
drwxr-xr-x - maria_dev  hdfs      0 2018-01-21 06:37 /user/maria_dev
drwxrwxr-x - oozie      hdfs      0 2016-10-25 07:52 /user/oozie
drwxr-xr-x - raj_ops    hdfs      0 2016-10-25 08:04 /user/raj_ops
drwxrwxr-x - spark     hdfs      0 2016-10-25 07:48 /user/spark

```

Question 12:

Command `hadoop fs -mkdir /user/cs595/jagrutivichare`

```
[maria_dev@sandbox ~]$ hadoop fs -mkdir /user/cs595/jagrutivichare
```

Question 13:

Command `hadoop fs -copyFromLocal /home/maria_dev/cs595doc.txt /user/cs595/jagrutivichare`

```
maria_dev@sandbox:~$ hadoop fs -copyFromLocal /home/maria_dev/cs595doc.txt /user/cs595/jagrutivichare
maria_dev@sandbox:~$ hadoop fs -ls /user/cs595/jagrutivichare
```

Question 14:

Command `hadoop fs -cp /user/cs595/cs595doc2.txt /user/cs595/jagrutivichare`

```
maria_dev@sandbox:~$ hadoop fs -cp /user/cs595/cs595doc2.txt /user/cs595/jagrutivichare
maria_dev@sandbox:~$ hadoop fs -ls /user/cs595/jagrutivichare
Found 2 items
```

Question 15:

- a) Created file jagruti_vichare.txt and copied it to maria_dev account

Command `scp -P 2222 /d/jagruti_vichare.txt maria_dev@localhost:/home/maria_dev`

```
$ scp -P 2222 /d/jagruti_vichare.txt maria_dev@localhost:/home/maria_dev
```

- b) Copied file jagruti_vichare.txt from maria_dev account to hdfs directory

Command `hadoop fs -copyFromLocal /home/maria_dev/jagruti_vichare.txt /user/cs595/jagrutivichare`

```
maria_dev@sandbox:~$ hadoop fs -copyFromLocal /home/maria_dev/jagruti_vichare.txt /user/cs595/jagrutivichare
maria_dev@sandbox:~$ hadoop fs -ls /user/cs595/jagrutivichare
Found 3 items
-rw-r--r-- 1 maria_dev hdfs 33 2018-01-22 19:01 /user/cs595/jagrutivichare/cs595doc.txt
```