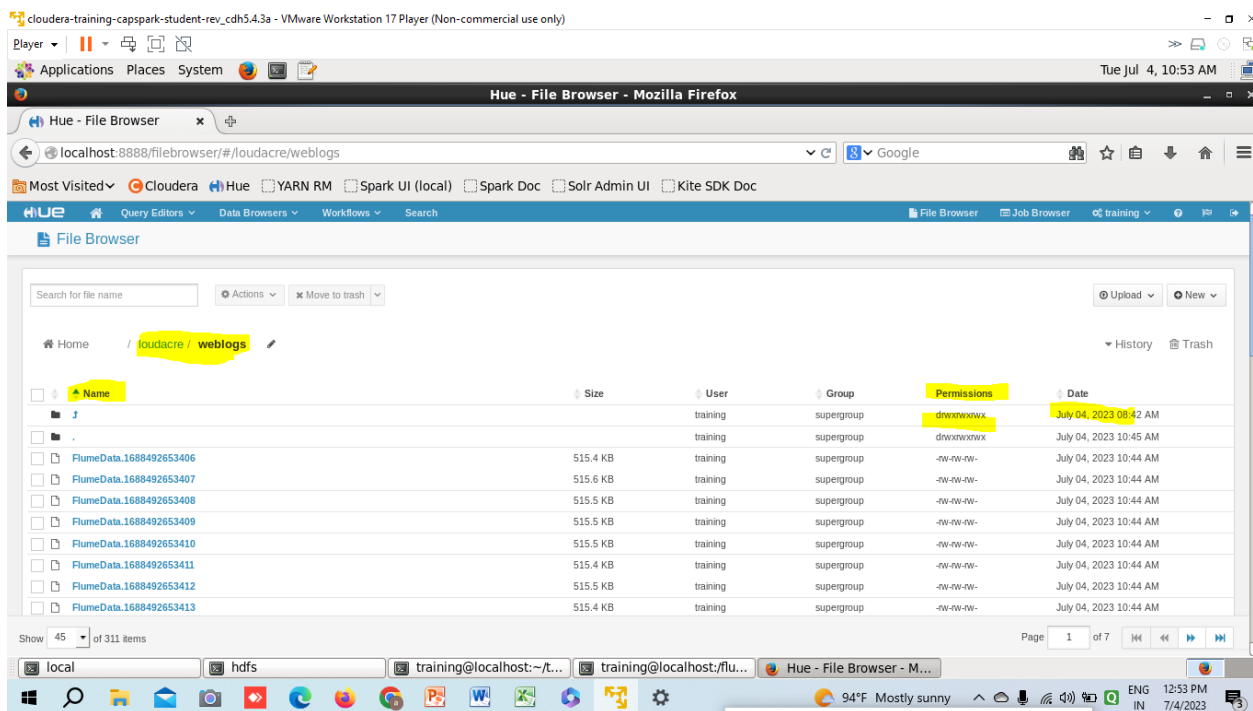


# LAB 8 BIG DATA

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**Answer: The desirable output of LAB 8 is as follows in the immediate screenshot below:**



**I am adding all the steps which led me to the above outputs just for the safer side; please find the screenshots of all the steps outputs below:**

```
cloudera-training-capspark-student-rev_cdh5.4.3a - VMware Workstation 17 Player (Non-commercial use only)
Player
Applications Places System
training@localhost:flume
File Edit View Search Terminal Help
[training@localhost ~]$ cd /flume
[training@localhost flume]$ ls -ltr
total 4
drwxr-xr-x 2 root root 4096 Jul  4 08:43 weblogs_spooldir
[training@localhost flume]$ chmod -R 777 *
chmod: changing permissions of 'weblogs_spooldir': Operation not permitted
[training@localhost flume]$ sudo su -
[root@localhost ~]# cd /flume
[root@localhost flume]# ls -ltr
total 4
drwxr-xr-x 2 root root 4096 Jul  4 08:43 weblogs_spooldir
[root@localhost flume]# chmod -R 777 *
[root@localhost flume]# ls -ltr
total 4
drwxrwxrwx 3 root root 4096 Jul  4 10:43 weblogs_spooldir
[root@localhost flume]# cd weblogs_spooldir/
[root@localhost weblogs_spooldir]# ls -ltr
total 160180
-rw-r--r-- 1 training training 535780 Jul  4 10:44 2013-09-22.log.COMPLETED
-rw-r--r-- 1 training training 1081771 Jul  4 10:44 2013-11-14.log.COMPLETED
-rw-r--r-- 1 training training 1091560 Jul  4 10:44 2014-03-10.log
-rw-r--r-- 1 training training 517782 Jul  4 10:44 2013-10-12.log.COMPLETED
-rw-r--r-- 1 training training 1014931 Jul  4 10:44 2014-03-06.log
-rw-r--r-- 1 training training 1045723 Jul  4 10:44 2013-12-22.log.COMPLETED
-rw-r--r-- 1 training training 1068328 Jul  4 10:44 2013-12-03.log.COMPLETED
-rw-r--r-- 1 training training 1078566 Jul  4 10:44 2013-12-17.log.COMPLETED
-rw-r--r-- 1 training training 975136 Jul  4 10:44 2014-01-19.log.COMPLETED
-rw-r--r-- 1 training training 518030 Jul  4 10:44 2013-10-22.log.COMPLETED
-rw-r--r-- 1 training training 1108042 Jul  4 10:44 2013-12-20.log.COMPLETED
-rw-r--r-- 1 training training 992528 Jul  4 10:44 2013-12-31.log.COMPLETED
-rw-r--r-- 1 training training 994481 Jul  4 10:44 2014-02-17.log
-rw-r--r-- 1 training training 1076821 Jul  4 10:44 2014-02-26.log
-rw-r--r-- 1 training training 1011424 Jul  4 10:44 2014-01-21.log.COMPLETED
local hdfs training@localhost:~/t... training@localhost:flu... Hue - File Browser - M...
95°F Mostly sunny 1:23 PM 7/4/2023
```

```
cloudera-training-capspark-student-rev_cdh5.4.3a - VMware Workstation 17 Player (Non-commercial use only)
Player
Applications Places System
local
File Edit View Search Terminal Help
[training@localhost flume]# ls -l
total 12
-rwxr-xr-x 1 training training 266 Aug 27 2015 copy-move-weblogs.sh
drwxr-xr-x 2 training training 4096 Aug 27 2015 script
drwxrwxr-x 2 training training 4096 Jul  4 10:28 solution
[training@localhost flume]# cd /flume
[training@localhost flume]# ls -ltr
total 4
drwxr-xr-x 2 root root 4096 Jul  4 08:43 weblogs_spooldir
[training@localhost flume]# cd weblogs_spooldir
[training@localhost weblogs_spooldir]# ls -ltr
total 0
[training@localhost weblogs_spooldir]# cd /tmp
[training@localhost tmp]# ls -ltr
total 184
drwx----- 2 training training 4096 May 30 15:33 keyring-yAZd18
drwx----- 2 training training 4096 Jun 15 00:05 keyring-J4Je4x
drwx----- 2 training training 4096 Jun 27 02:55 keyring-podobc
drwx----- 2 training training 4096 Jun 27 03:07 pulse-z456osQpF41N
drwxrwxr-x 2 training training 4096 Jun 27 03:46 impala-shell-python-egg-cache-training
drwx----- 2 hive hive 4096 Jun 27 04:12 ecdee818-060d-45e3-bdd2-e597d104f686_resources
drwx----- 7 hue hue 4096 Jun 27 04:27 tmpD6MnCI
drwxrwxr-x 3 training training 4096 Jun 27 04:42 sqoop-training
drwx----- 2 training training 4096 Jun 27 08:14 keyring-RDr7f0
drwx----- 2 training training 4096 Jun 27 08:20 keyring-D4LLD0
drwx----- 4 hue hue 4096 Jun 27 16:52 tmpBxw989
drwx----- 2 hive hive 4096 Jun 28 06:14 da5c748f-742b-4943-af14-41bf5617a028_resources
drwx----- 7 hue hue 4096 Jun 28 06:19 tmpke3KIi
drwxrwxr-x 2 training training 4096 Jun 28 07:35 training
drwx----- 2 hive hive 4096 Jul  4 03:26 36171275-bf3b-4eda-b1f6-bffceb1a362d_resources
drwx----- 7 hue hue 4096 Jul  4 04:28 tmpBkcVoj
drwx----- 2 root root 4096 Jul  4 05:27 vmware-root
drwx----- 2 hive hive 4096 Jul  4 05:30 b449f484-6612-4801-9c09-c573c8abbfe8_resources
local hdfs training@localhost:~/t... training@localhost:flu... Hue - File Browser - M...
95°F 1:26 PM 7/4/2023
```

```
cloudera-training-capspark-student-rev_cdh5.4.3a - VMware Workstation 17 Player (Non-commercial use only)
Player
Applications Places System
training@localhost:~/training_materials/dev1/exercises/flume/solution
File Edit View Search Terminal Help
drwxrwxr-x 2 training training 4096 Jun 14 18:11 abhishek
drwxr-xr-x 3 training training 4096 Jun 14 19:12 Desktop
drwxr-xr-x 3 training training 4096 Aug 27 2015 Documents
drwxr-xr-x 2 training training 4096 Apr 21 2015 Downloads
drwxr-xr-x 8 training training 4096 May 25 2015 eclipse
-rw-rw-r-- 1 training training 27 Jun 14 18:17 foo.txt
-rw-rw-r-- 1 training training 526677 Jun 28 05:44 geolocation.csv
drwxrwxr-x 3 training training 4096 Jun 14 19:09 log
drwxr-xr-x 2 training training 4096 Apr 21 2015 Music
-rw-rw-r-- 1 training training 41 Jun 28 06:51 myquery.sql
drwxr-xr-x 2 training training 4096 Apr 21 2015 Pictures
drwxr-xr-x 2 training training 4096 Apr 21 2015 Public
drwxr-xr-x 2 training training 4096 Apr 21 2015 Templates
drwxr-xr-x 4 training training 4096 Sep 18 2015 training_materials
drwxr-xr-x 2 training training 4096 Apr 21 2015 Videos
drwxr-xr-x 6 training training 4096 Aug 24 2015 workspace
drwxr-xr-x 3 training training 4096 Aug 27 2015 workspace.save.dev1
[training@localhost ~]$ cd $DEV1
[training@localhost dev1]$ cd exercises/
[training@localhost exercises]$ cd flume/
[training@localhost flume]$ ls -l
total 12
-rwxr-xr-x 1 training training 266 Aug 27 2015 copy-move-weblogs.sh
drwxr-xr-x 2 training training 4096 Aug 27 2015 script
drwxrwxr-x 2 training training 4096 Jul 4 09:21 solution
[training@localhost flume]$ cd solution/
[training@localhost solution]$ ls -l
total 16
-rwxr-xr-x 1 training training 118 Jul 4 09:12 agent1.sh
-rwxr-xr-x 1 training training 115 Jul 4 09:19 agent2.sh
-rw-rw-r-- 1 training training 956 Jul 4 09:21 bonus netcat.conf
-rw-rw-r-- 1 training training 806 Jul 4 09:15 spooldir.conf
[training@localhost solution]$ vi agent1.sh
local hdfs training@localhost:~/t... training@localhost:flu... Hue - File Browser - M...
```

```
cloudera-training-capspark-student-rev_cdh5.4.3a - VMware Workstation 17 Player (Non-commercial use only)
Player
Applications Places System
local
File Edit View Search Terminal Help
mv: cannot move '/tmp/tmp_weblogs/2014-02-14.log' to '/flume/weblogs/spooldir/2014-02-14.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-15.log' to '/flume/weblogs/spooldir/2014-02-15.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-16.log' to '/flume/weblogs/spooldir/2014-02-16.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-17.log' to '/flume/weblogs/spooldir/2014-02-17.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-18.log' to '/flume/weblogs/spooldir/2014-02-18.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-19.log' to '/flume/weblogs/spooldir/2014-02-19.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-20.log' to '/flume/weblogs/spooldir/2014-02-20.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-21.log' to '/flume/weblogs/spooldir/2014-02-21.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-22.log' to '/flume/weblogs/spooldir/2014-02-22.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-23.log' to '/flume/weblogs/spooldir/2014-02-23.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-24.log' to '/flume/weblogs/spooldir/2014-02-24.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-25.log' to '/flume/weblogs/spooldir/2014-02-25.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-26.log' to '/flume/weblogs/spooldir/2014-02-26.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-27.log' to '/flume/weblogs/spooldir/2014-02-27.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-02-28.log' to '/flume/weblogs/spooldir/2014-02-28.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-01.log' to '/flume/weblogs/spooldir/2014-03-01.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-02.log' to '/flume/weblogs/spooldir/2014-03-02.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-03.log' to '/flume/weblogs/spooldir/2014-03-03.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-04.log' to '/flume/weblogs/spooldir/2014-03-04.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-05.log' to '/flume/weblogs/spooldir/2014-03-05.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-06.log' to '/flume/weblogs/spooldir/2014-03-06.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-07.log' to '/flume/weblogs/spooldir/2014-03-07.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-08.log' to '/flume/weblogs/spooldir/2014-03-08.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-09.log' to '/flume/weblogs/spooldir/2014-03-09.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-10.log' to '/flume/weblogs/spooldir/2014-03-10.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-11.log' to '/flume/weblogs/spooldir/2014-03-11.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-12.log' to '/flume/weblogs/spooldir/2014-03-12.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-13.log' to '/flume/weblogs/spooldir/2014-03-13.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-14.log' to '/flume/weblogs/spooldir/2014-03-14.log': Permission denied
mv: cannot move '/tmp/tmp_weblogs/2014-03-15.log' to '/flume/weblogs/spooldir/2014-03-15.log': Permission denied
[training@localhost flume]$ ./copy-move-weblogs.sh /flume/weblogs/spooldir
Copying and moving files
[training@localhost flume]$
```