```
rw-r-rr- 1 acadgild supergroup
rw-rr-rr- 1 acadgild supergroup
```

Here we have created the jar file (session.jar) from the java program and run the mapreduce program.

After running the map reduce program we found the following:

What are the movie titles that the user has rated?

How many times a movie has been rated by the user?

In question 2 above, what is the average rating given for a movie?

```
[acadgild@localhost ~]$ hadoop fs -cat /output/part-r-00000 | head
16/08/07 22:35:56 WARN util. NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Toy Story (1995) 2681 3.89779
GoldenEye (1995) 1300 3.428097
City Hall (1996) 204 3.295294
Curdled (1996) 14 3.255000
"Comic 0 NaN
Up in Smoke (1957) 0 NaN
First Daughter (1999) 0 NaN
First Daughter (1999) 0 NaN
Battle of Los Angeles (2011) 3 3.00000
Battle of Los Angeles (2011) 3 3.00000
Battle of Los Angeles (2011) 3 3.000000
Battle of Los Angeles (2012) 0 NaN
```