

Movie Rating:

Problem Statement:

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?

`hadoop jar MuvieRating.jar /movies_small.csv /ratings_small.csv /MapOut`

```
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop jar MuvieRating.jar /movies_small.csv /ratings_small.csv /MapOut
```

`hadoop fs -ls /MapOut`

```
[acadgild@localhost ~]$ hadoop fs -ls /MapOut
18/06/06 19:01:04 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform
Found 3 items
-rw-r--r--  1 acadgild supergroup          0 2018-06-06 17:30 /MapOut/_SUCCESS
-rw-r--r--  1 acadgild supergroup    156511 2018-06-06 17:30 /MapOut/part-r-00000
-rw-r--r--  1 acadgild supergroup    158605 2018-06-06 17:30 /MapOut/part-r-00001
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$
```

`hadoop fs -cat /MapOut/part-r-00000 | head`

```
[acadgild@localhost ~]$ hadoop fs -cat /MapOut/part-r-00000 | head
```

```
18/06/06 18:43:55 WARN util.NativeCodeLoader: Unable to load
Toy Story (1995)      247      3.872470
GoldenEye (1995)     122      3.450820
City Hall (1996)      21      3.428571
Keep the Lights On (2012)  1      3.000000
Hansel & Gretel: Witch Hunters (2013)  2      2.250000
Why Stop Now (2012)    1      1.500000
Call Me Kuchu (2012)   1      2.500000
Side Effects (2013)    8      3.500000
Identity Thief (2013)  1      1.500000
"Glimmer Man"        3      2.500000
cat: Unable to write to output stream.
```