

## Big Data Hadoop 'Assignment 5'

### DATASET

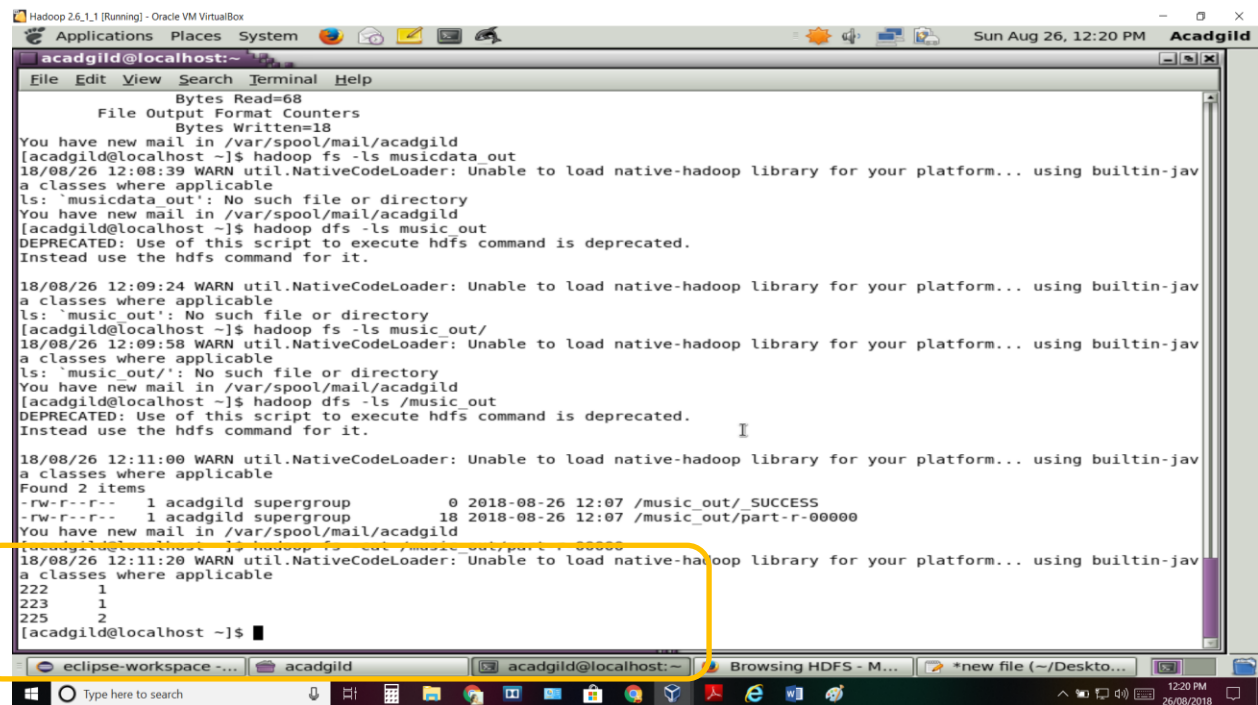
```
111115|222|0|1|0
111113|225|1|0|0
111117|223|0|1|1
111115|225|1|0|0
```

1st Column - UserId
2nd Column - TrackId
3rd Column - Songs Share status (1 for shared, 0 for not shared)
4th Column - Listening Platform (Radio or Web - 0 for radio, 1 for web)
5th Column - Song Listening Status (0 for skipped, 1 for fully heard)

### TASK 1

Find the number of unique listeners in the data set.

Output: Listeners are calculated unique per track record



```
acadmild@localhost:~$ hadoop fs -ls musicdata_out
18/08/26 12:08:39 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-jav
a classes where applicable
ls: 'musicdata_out': No such file or directory
You have new mail in /var/spool/mail/acadmild
[acadmild@localhost ~]$ hadoop dfs -ls music_out
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.

18/08/26 12:09:24 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-jav
a classes where applicable
ls: 'music_out': No such file or directory
[acadmild@localhost ~]$ hadoop fs -ls /music_out/
18/08/26 12:09:58 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-jav
a classes where applicable
ls: 'music_out/': No such file or directory
You have new mail in /var/spool/mail/acadmild
[acadmild@localhost ~]$ hadoop dfs -ls /music_out
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.

18/08/26 12:11:00 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-jav
a classes where applicable
Found 2 items
-rw-r--r-- 1 acadmild supergroup          0 2018-08-26 12:07 /music_out/_SUCCESS
-rw-r--r-- 1 acadmild supergroup      18 2018-08-26 12:07 /music_out/part-r-00000
You have new mail in /var/spool/mail/acadmild
[acadmild@localhost ~]$ hadoop fs -ls /music_out/part-r-00000
18/08/26 12:11:20 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-jav
a classes where applicable
222 1
223 1
225 2
[acadmild@localhost ~]$
```

