Session 3

ADVANCE MAP REDUCE AND INTRODUCTION TO UNIX CONCEPTS DATA INGESTION TOOL SQOOP

Task 1.1

Find the number of unique listeners in the data set.

hadoop jar map-reduce-music-1.0.jar uniqueListener /music/musicdata.txt /musicout

Task 1.2

What are the number of times a song was heard fully.

hadoop jar map-reduce-music-1.0.jar songHeared /music/musicdata.txt /musicout

Task 1.3

What are the number of times a song was shared.

hadoop jar map-reduce-music-1.0.jar songShared /music/musicdata.txt /musicout

Task 2.1

Use Sqoop tool to export data present in SQOOPOUT folder made while demo of Import table

sqoop export --connect jdbc:mysql://localhost/simplidb --table Person --username root -P --exportdir /sqoopout

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Name of the content o
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```
mysql> delete from Person;
Query OK, 4 rows affected (2.45 sec)
[mysql> delete from Person;
Query OK, 0 rows affected (0.00 sec)
mysql> select * from Person;
              lname
 person_id |
                      fname
                                area
                                                city
                                                 Bihar
          1 |
              Shyam
                       Ram
                                Patna
          2
              Tanya
                       Priya
                                Whitefiled
                                                 Bangalore
          3
              James
                       Brown
                                New York
                                                 United States
              Jhon
                      Miller |
                                 Los Angeles
                                                 United States
 rows in set (0.01 sec)
```

Task 2.2Use Sqoop tool to import data present in SQOOPOUT folder made while demo of Import table with parameter person_id =3.

sqoop import --connect jdbc:mysql://localhost/simplidb --username root -P --m 1 --query 'select * from Person where \$CONDITIONS and person_id = 3' --target-dir /sqoopout

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