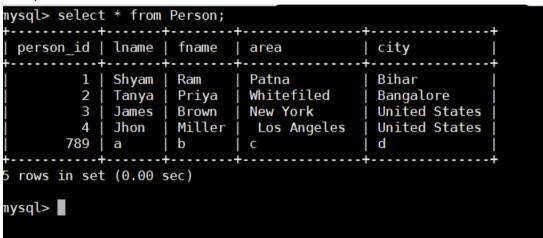


Assignment 6: SQOOP

Task 1: Use SQOOP tool to export data present in SQOPOUT folder made while demo of Import table.

Solution:

Data present in Person table -



Command executed to import data in HDFS under SQOOPOUT folder -

sqoop import --connect jdbc:mysql://localhost/simplidb --table Person --username root -password Root@123 --target-dir /SQOOPOUT -m 1

```
nect jdbc:mysql://localhost/simplidb --table Person --username root --password Root@123 --tar
p/sqoop-1.4.6.bin_hadoop-2.0.4-alpha/../hcatalog does not exist! HCatalog jobs will fail.
your HCatalog installation.
p/sqoop-1.4.6.bin_hadoop-2.0.4-alpha/../accumulo does not exist! Accumulo imports will fail.
t of your Accumulo_installation.
```

Data present in SQOOPOUT folder of HDFS is -

```
w-r--r-- 1 acadgild supergroup 0 2018-08-01 01:34 /SQ00POUT/_SUCCESS
w-r--r-- 1 acadgild supergroup 150 2018-08-01 01:34 /SQ00POUT/_SUCCESS
w-gagild@192 - 15 hadoop fs - cat /SQ00POUT/part-m-00000
// 188/01 01:52:24 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable Shyam,Ram,Patna,Bihar
lanya,Priya,Whitefiled,Bangalore
lames,Brown,New York,United States
lhon,Miller, Los Angeles ,United States
ladgild@192 - 15
acadgild@192 ~]$ hadoop fs -ls /S000POUT
18/08/01 01:52:02 WARN util.NativeCodeLoader: <mark>Unable to</mark> load native-hadoop library for your platform... using builtin-java classes where applicable
ound 2 items
```

Exporting data from HDFS SQOOPOUT folder to SQL table Persontask1 -

```
acadgild@192 ~]$ sqoop export --connect jdbc:mysql://localhost/simplidb --table Persontask1 --username root --password Root@123 --export-dir
```

Assignment 6: SQOOP

Data exported from HDFS to table "Persontask1" -

```
mysql> select * from Persontask1;
                                                city
 person id
              lname
                       fname
                                area
          1
              Shyam
                       Ram
                                Patna
                                                 Bihar
          2
                                Whitefiled
              Tanya
                       Priya
                                                 Bangalore
          3
                                                 United States
              James
                       Brown
                                New York
                       Miller
                                                 United States
              Jhon
                                 Los Angeles
        789
                       b
                                C
                                                 d
 rows in set (0.01 sec)
mysql>
```

TASK 2:

Task2

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

Command to Import from table created in Task 1 (Persontask1) to HDFS SQOOPOUTEXPORT

```
[acadgild@192 ~]$ sqoop import --connect jdbc:mysql://localhost/simplidb --table Persontask1 --username root --password Root@123 --target-dir /SQ00POUTEXPORT -
m 1
```

Output -