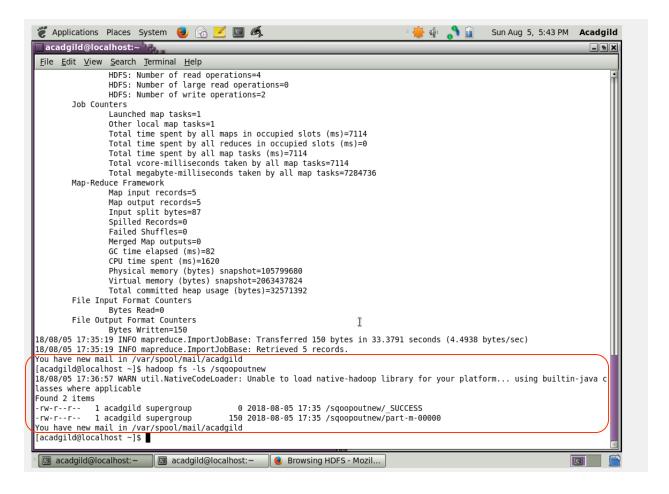
Big Data Hadoop 'Assignment Six'

Data is imported in Sqoopoutnew folder

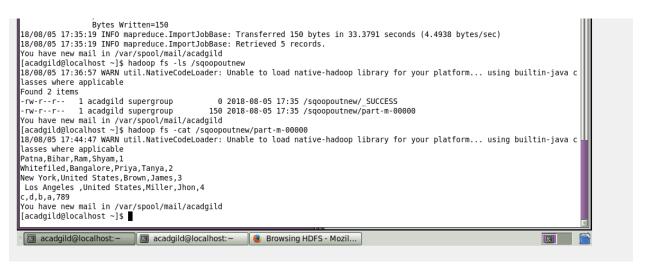
Data import command

```
🥙 Applications Places System 🎒 🍙 🗹 国 🙈
                                                                                             📤 🐠 🛋 👔
                                                                                                                  Sun Aug 5, 5:41 PM
                                                                                                                                        Acadaild
 acadgild@localhost:~ 🖫
<u>File Edit View Search Terminal Help</u>
              1 acadgild supergroup
                                                  0 2018-08-04 16:40 /sqoopout/ SUCCESS
              1 acadgild supergroup
                                                 24 2018-08-04 16:40 /sqoopout/part-m-00000
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop fs -cat /sqoopout/part-m-00000
18/08/05 17:30:34 WARN util NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java c
lasses where applicable
                 .
na Riha
[acadgild@localhost ~]$ sqoop import --connect jdbc:mysql://localhost/simplidb --table Person --username root -P --target-d
/sgoopoutnew -m 1
          /home/acadgild/install/sqoop/sqoop 1.4.6.bin_hadoop 2.0.4 alpha/../hcatalog does not exist! HCatalog jobs
Please set $HCAT HOME to the root of your HCatalog installation.
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/../accumulo does not exist! Accumulo imports will
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/08/05 17:34:32 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
Enter password:
18/08/05 17:34:38 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset. 18/08/05 17:34:38 INFO tool.CodeGenTool: Beginning code generation
Sun Aug 05 17:34:38 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. Ac
cording to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option i
sn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. Yo
u need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certif
icate verification.
18/08/05 17:34:39 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/08/05 17:34:39 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/08/05 17:34:39 INFO orm.CompilationManager: HADOOP MAPRED HOME is /home/acadgild/install/hadoop/hadoop-2.6.5
Note: /tmp/sqoop-acadgild/compile/324824ab767c4a71001844e364a25100/Person.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
18/08/05 17:34:44 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/324824ab767c4a71001844e364a2510
0/Person.iar
18/08/05 17:34:44 WARN manager.MySQLManager: It looks like you are importing from mysql.
18/08/05 17:34:44 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
```

Data directory folder

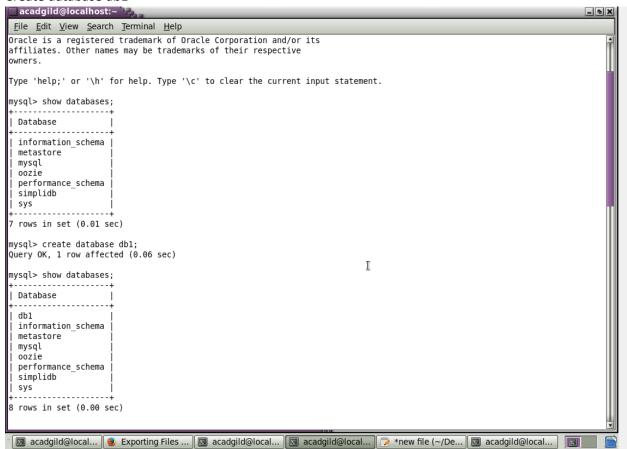


Data inside the folder part file



Tasks

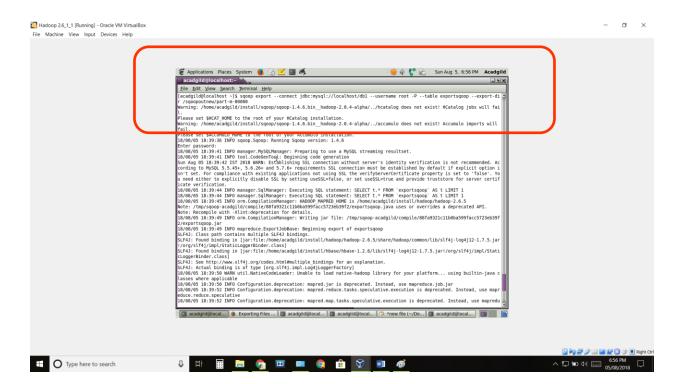
- 1. Use Sqoop tool to export data present in SQOOPOUT folder made while demo of Import table
- Create database db1



- Show table in db1 and data in db1;
 - As this is new database and table we have no records in this.
 - We have described table to see it's structured.

```
∥line 1
mysql> show tables;
| Tables in db1 |
| exportsqoop |
+----+
1 row in set (0.00 sec)
mysql> select * from exportsqoop;
Empty set (0.00 sec)
mysql> describe exportsqoo;
ERROR 1146 (42S02): Table 'db1.exportsgoo' doesn't exist
mysql> describe exportsqoop;
+----+
| Field | Type | Null | Key | Default | Extra |
·
+----+
5 rows in set (0.00 sec)
```

- Write export command to import data in MYSQL exportsqoop table from HDFS
 - Sqoop export –connect jdbc:mysql://localhost/db1 –username root –P table exportsqoop –export-dir /sqoopoutnew/part-m-00000



Data is now loaded in Exportsgoop table;

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

We can use where clause with 'IMPORT' command in Sqoop not with export whole table from that file will get export from HDFS to RDBMS.

Have found this article saying we can use only with import command

Unfortunately --query argument is not supported with Sqoop Export yet. We can use this with Sqoop import command only.

Please refer Export control arguments section for detailed information about available option in Sqoop export