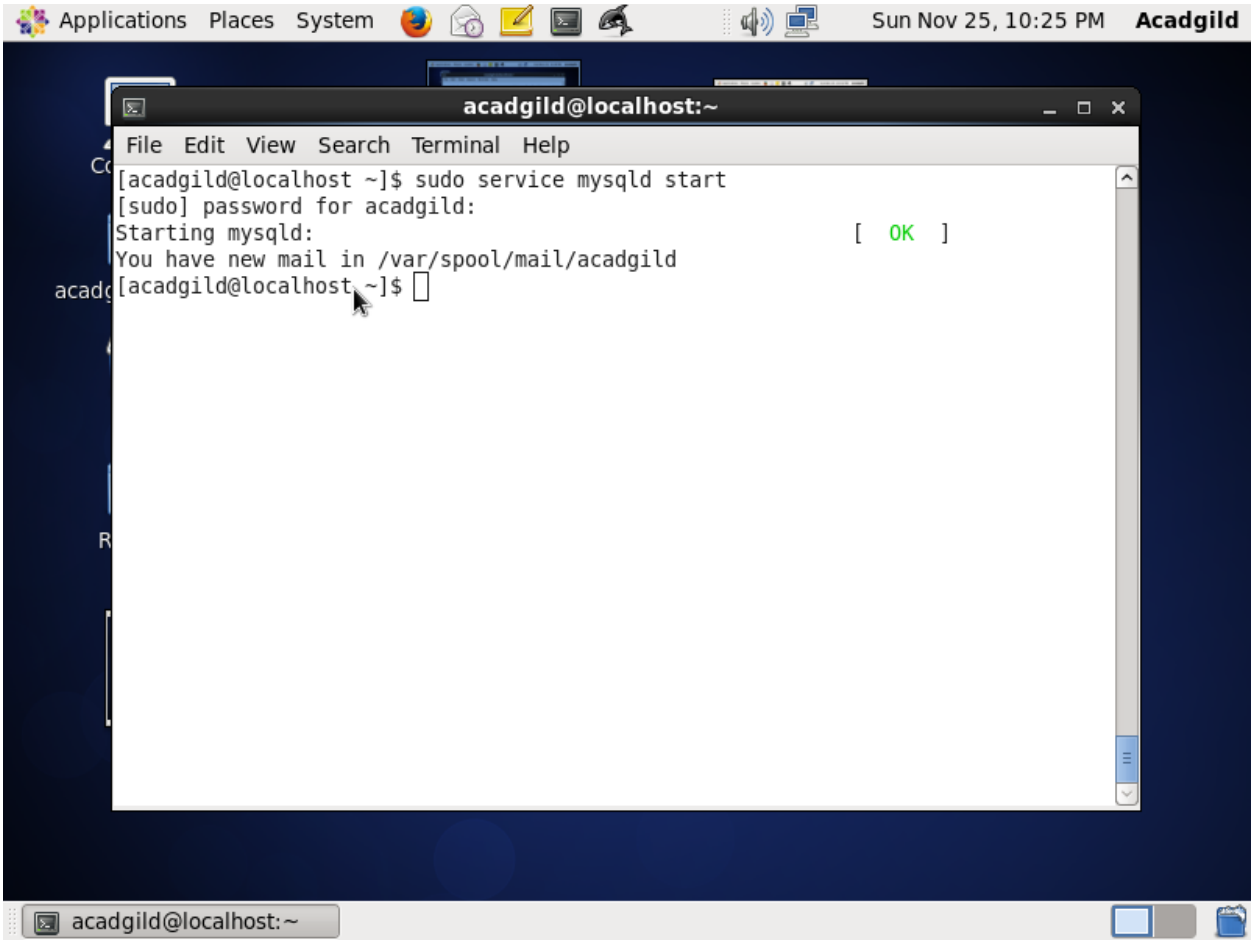
Sqoop Assignment

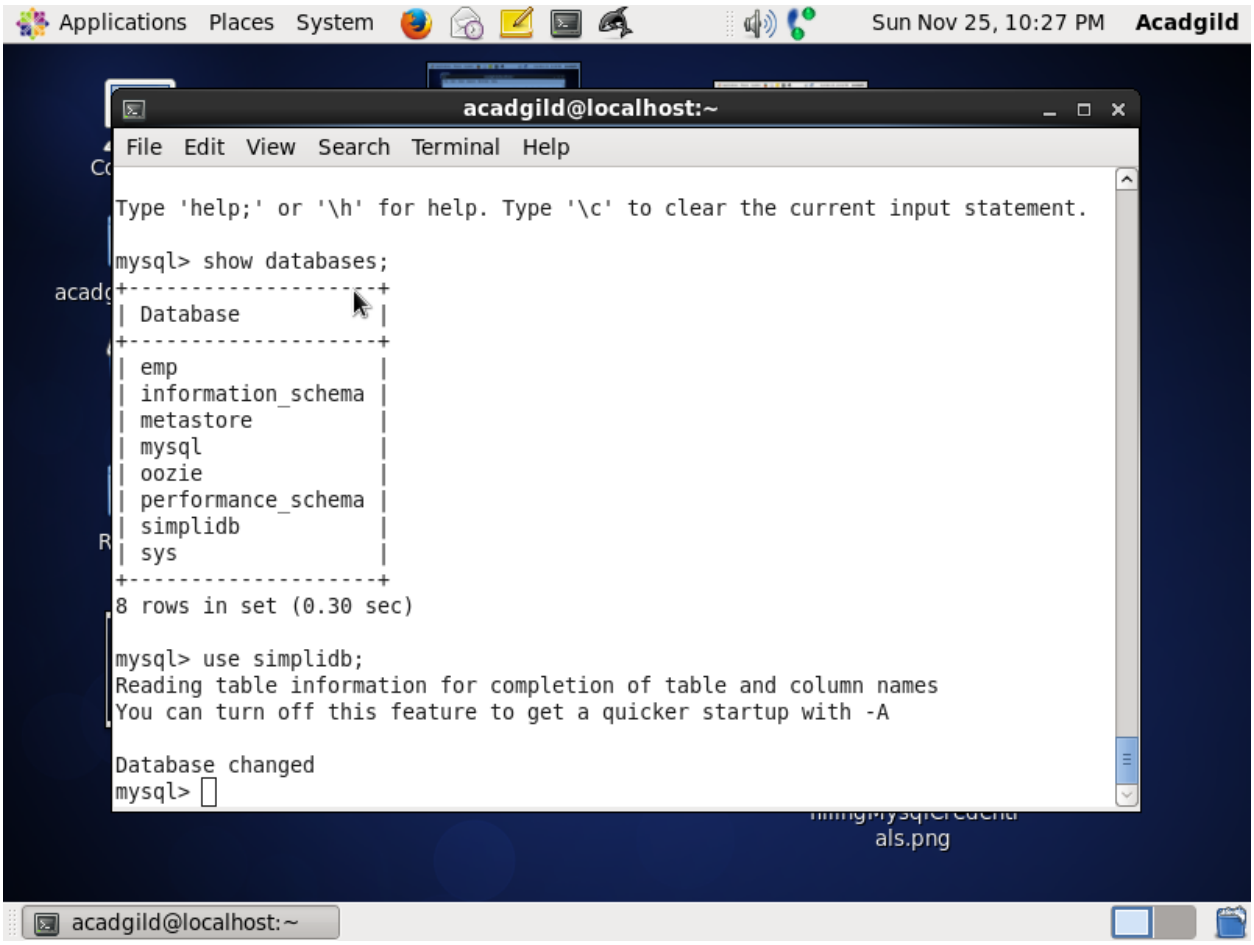
Task 1

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

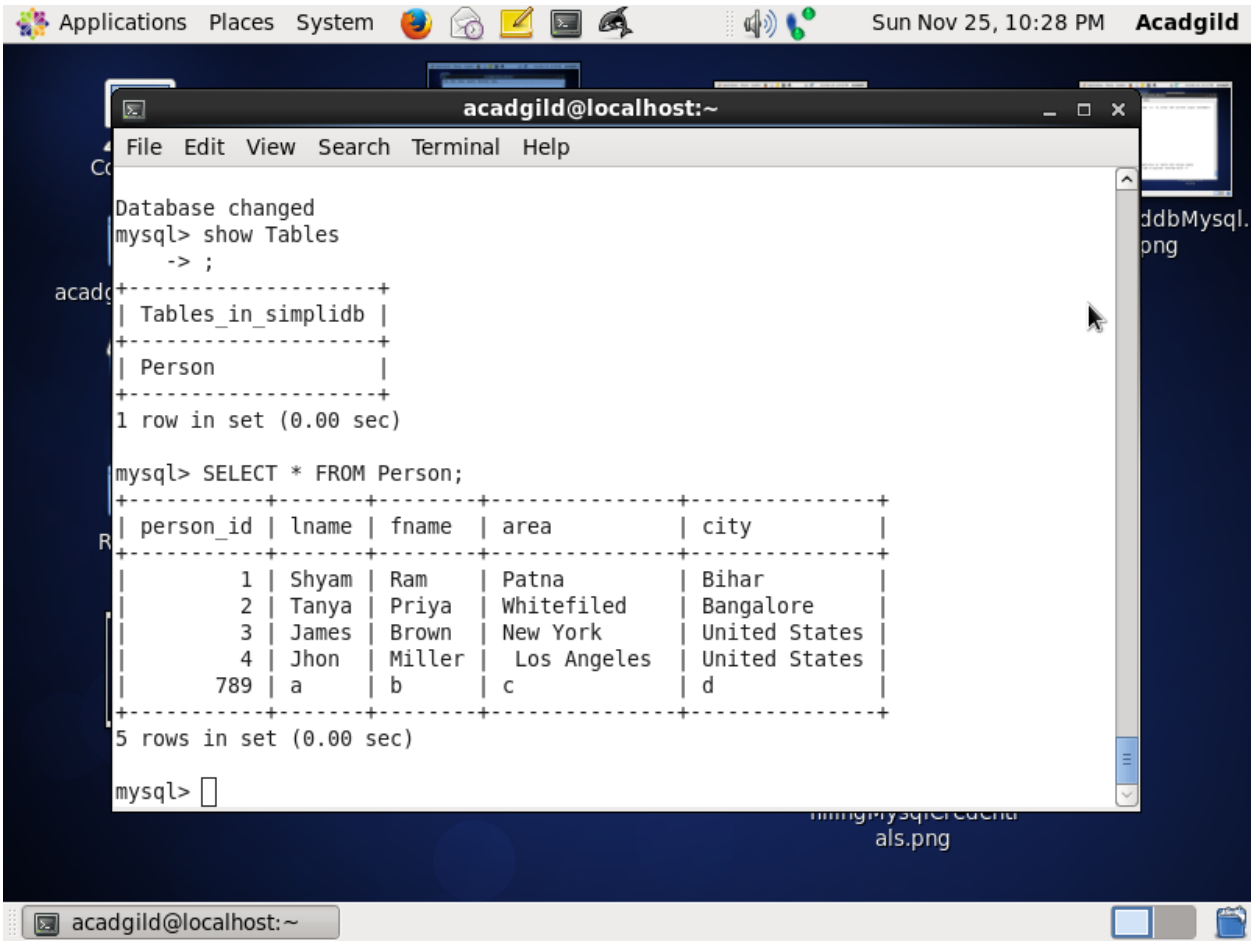
Solution: Starting the mysql services:



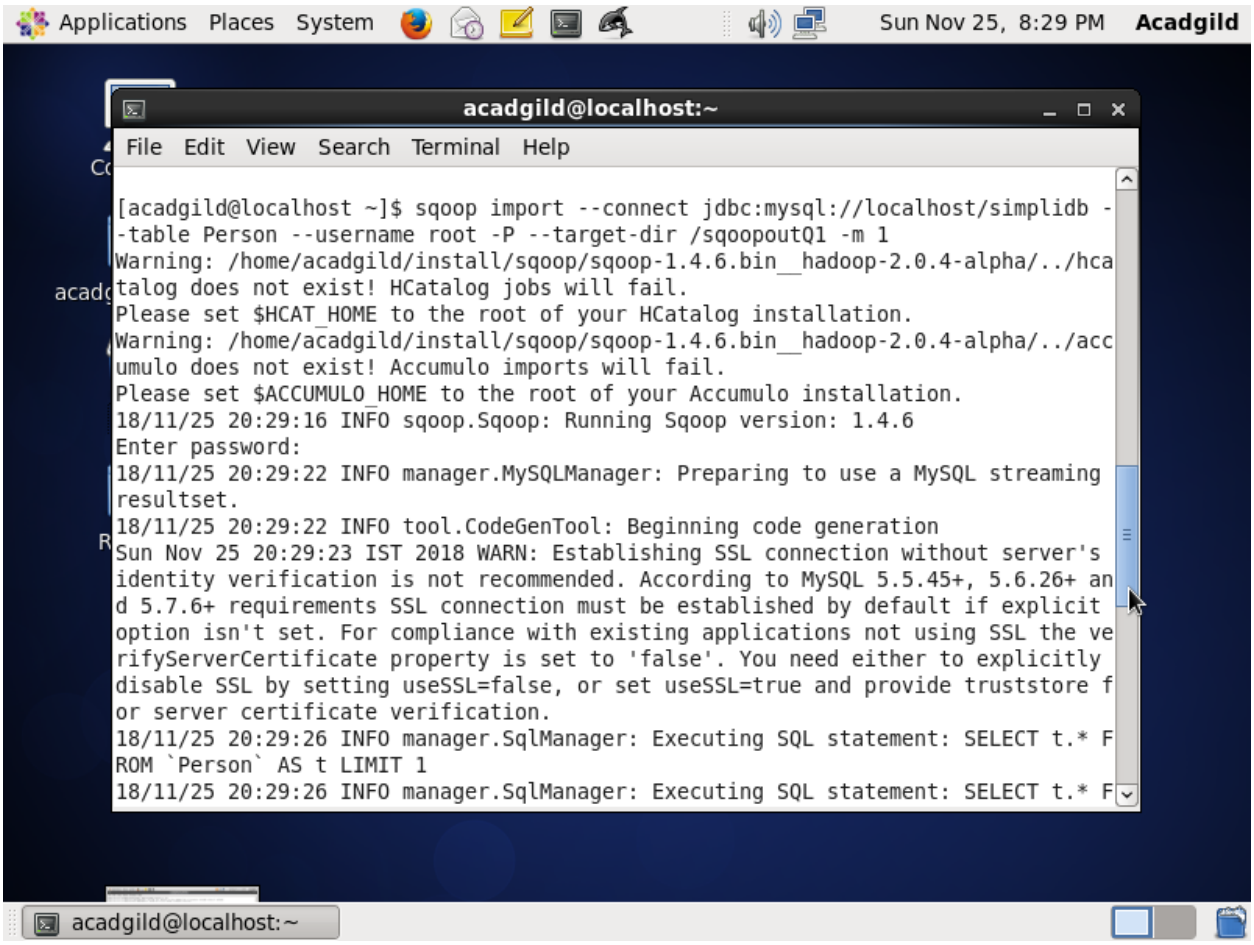
Showing the databases and using the required database:

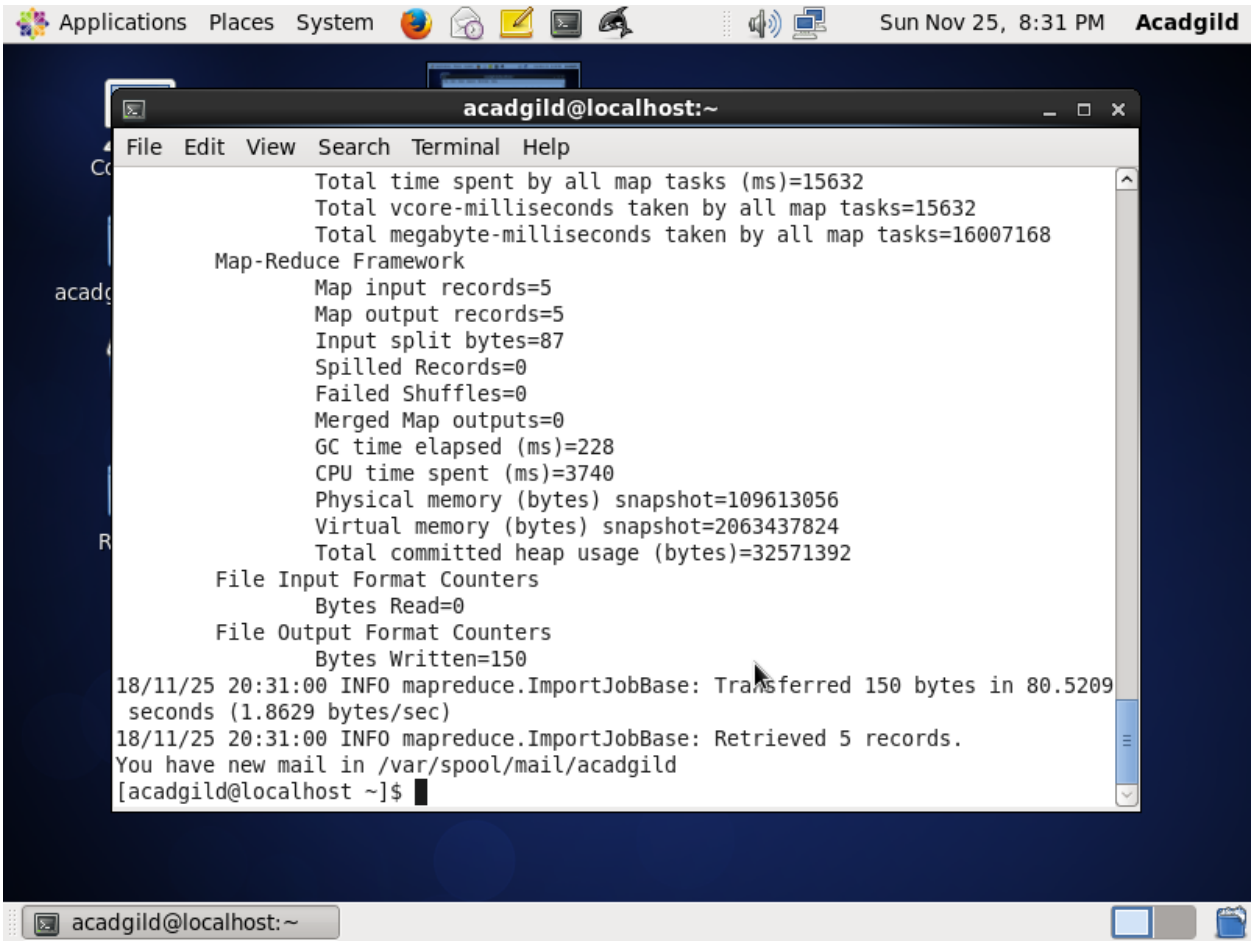


Showing the records in the Person Table:

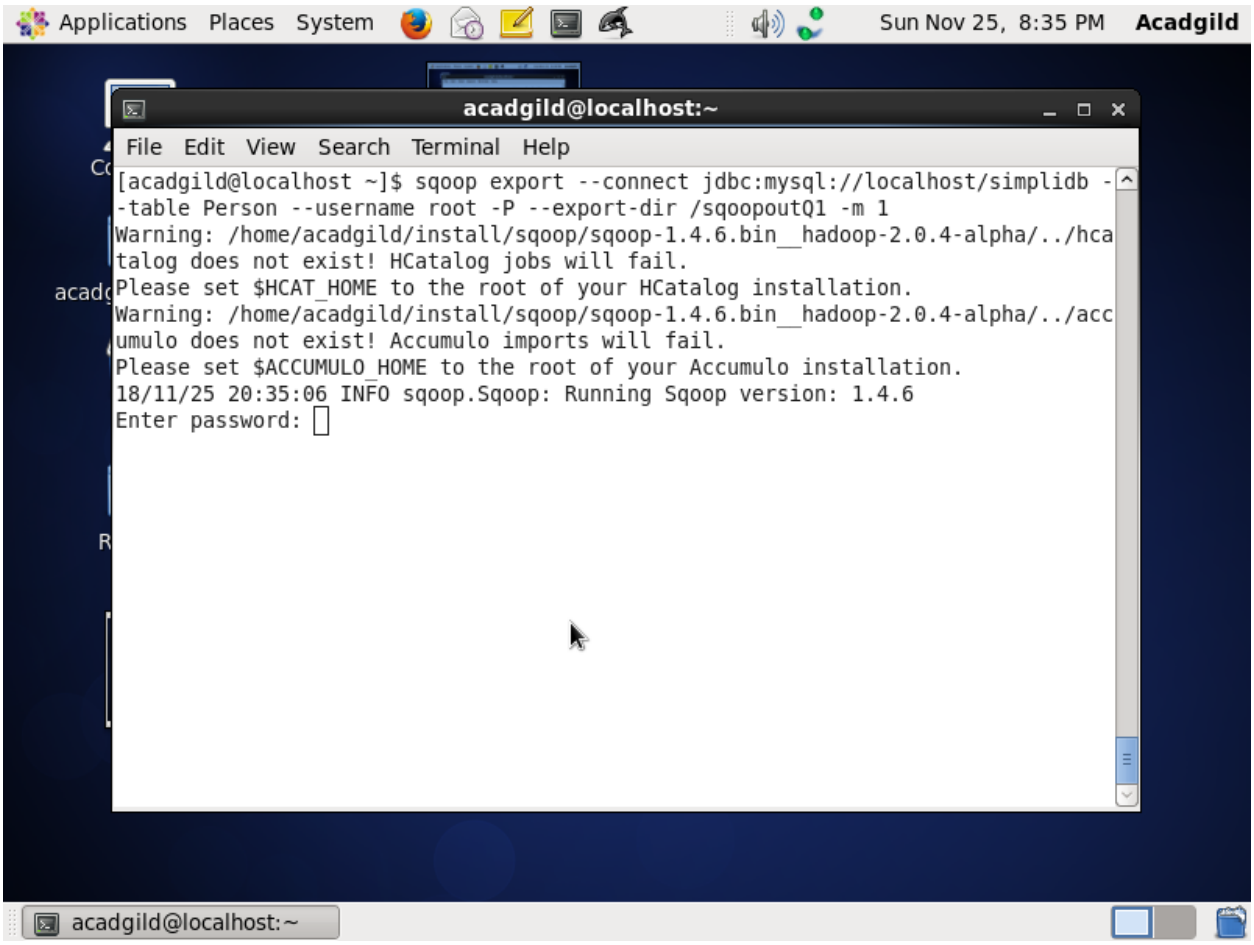


Importing the records of the table in HDFS:


Applications Places System
Sun Nov 25, 8:29 PM Acadgild
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ sqoop import --connect jdbc:mysql://localhost/simplidb --table Person --username root -P --target-dir /sqoopoutQ1 -m 1
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/../hcatalog does not exist! HCatalog jobs will fail.
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 fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/11/25 20:29:16 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
Enter password:
18/11/25 20:29:22 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/11/25 20:29:22 INFO tool.CodeGenTool: Beginning code generation
Sun Nov 25 20:29:23 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.
18/11/25 20:29:26 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/11/25 20:29:26 INFO manager.SqlManager: Executing SQL statement: SELECT t.* F
acadgild@localhost:~



Exporting the records from HDFS to mysql:

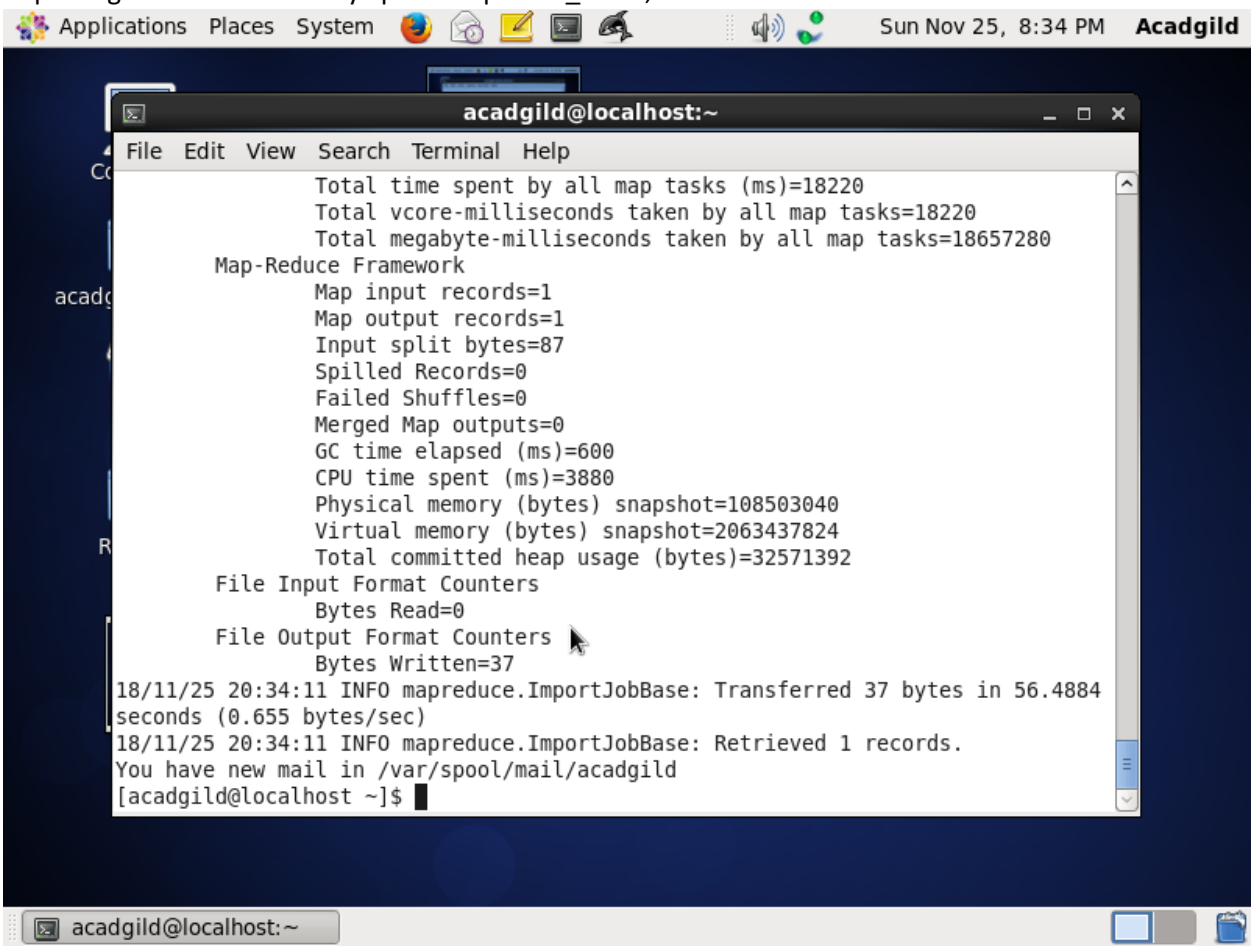


Task2

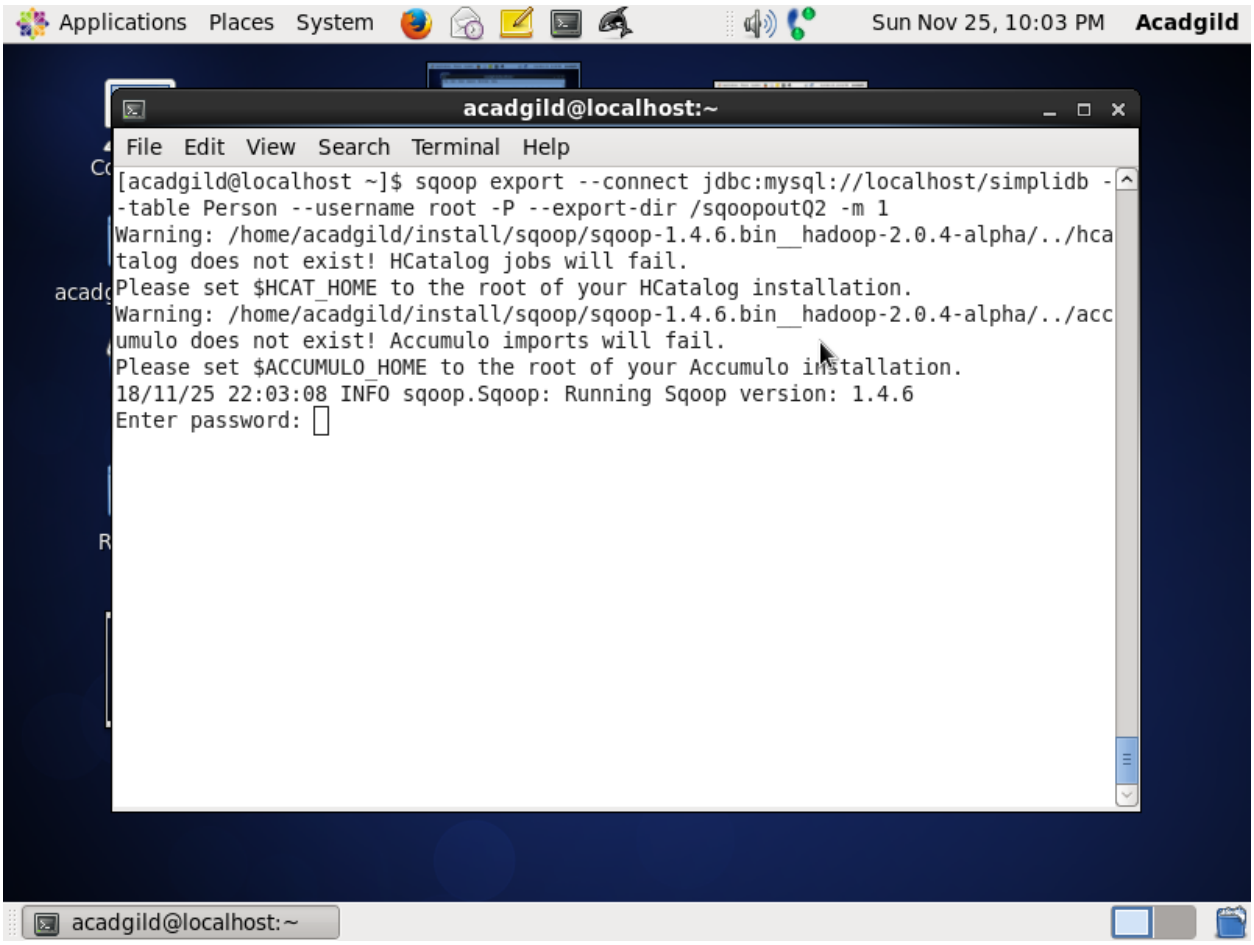
Use Sqoop tool to export data present in SQOOPOUT folder made while demo of Import table with parameter person_id =3.

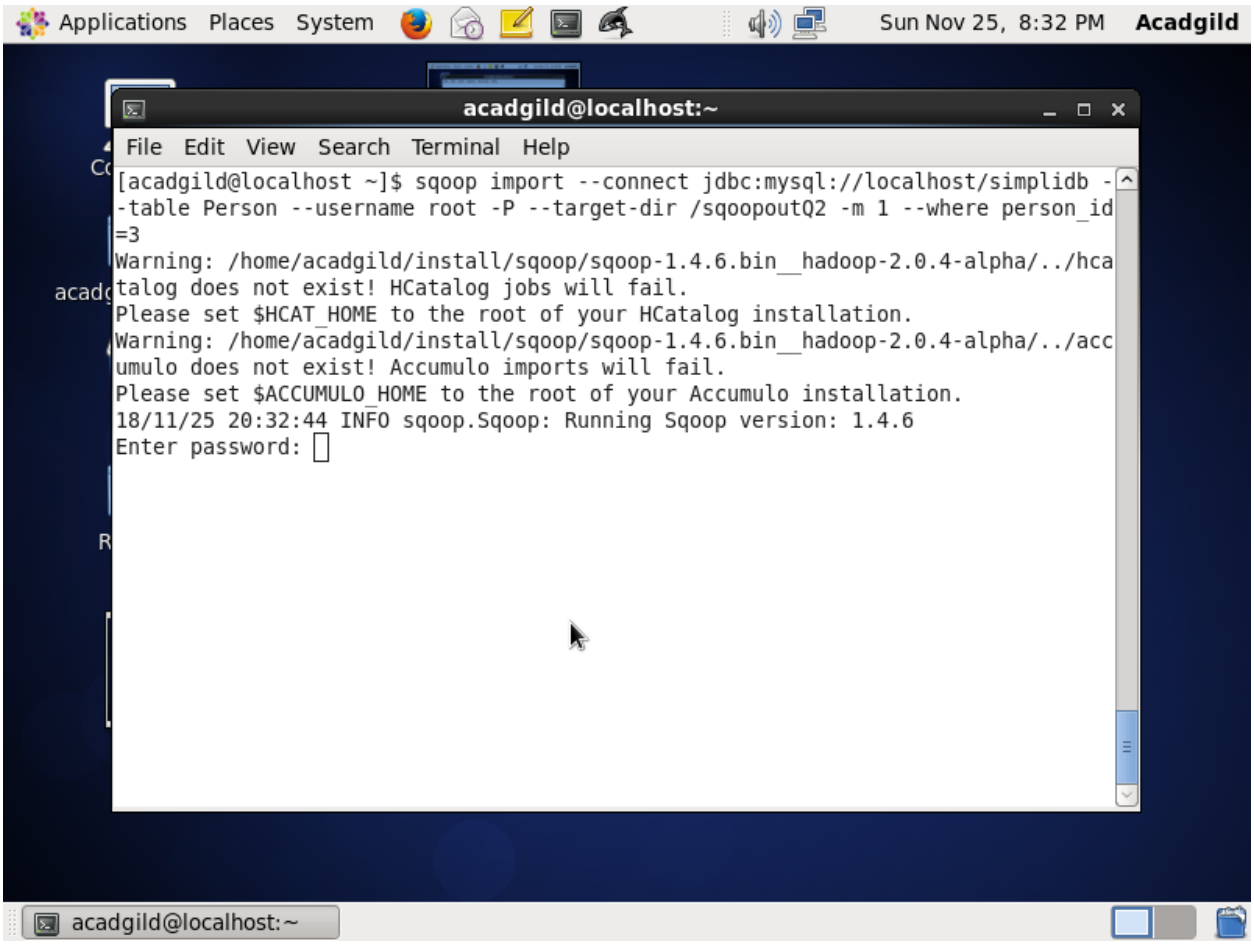
Solution:

Importing the record from mysql where person_id = 3, to hdfs.



Exporting the record from hdfs to mysql:


Applications
Places
System
Sun Nov 25, 10:03 PM
Acadgild
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ sqoop export --connect jdbc:mysql://localhost/simplidb --table Person --username root -P --export-dir /sqoopoutQ2 -m 1
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/../hcatalog does not exist! HCatalog jobs will fail.
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 fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/11/25 22:03:08 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
Enter password:
acadgild@localhost:~


Applications Places System
Sun Nov 25, 8:32 PM Acadgild
acadgild@localhost:~
File Edit View Search Terminal Help
[acadgild@localhost ~]$ sqoop import --connect jdbc:mysql://localhost/simplidb --table Person --username root -P --target-dir /sqoopoutQ2 -m 1 --where person_id=3
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/../hcatalog does not exist! HCatalog jobs will fail.
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 fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/11/25 20:32:44 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
Enter password:
acadgild@localhost:~