Group A

Lab Assignment 2a

Sqoop

Importing Data set into Sqoop

74.

sqoop-import --connect jdbc:mysql://sandbox-hdp.hortonworks.com/hive --username root --P --table TBLS --target-dir /sqooplab/sqoop4 --fields-terminated-by '|' --num-mappers 7

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface, text

Description automatically generated

Here we can see seven mapped files, since 7 mappers were used.

95.

Text

Description automatically generated

If there’s already a sqoop folder of same name it will give error while executing so “**—delete-target-dir**” will delete the directory if any and create new one.

97.

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Description automatically generated

**Free-form Query Imports**

Sqoop can also import the result set of an arbitrary SQL query. Instead of using the --table, --columns and --where arguments, you can specify a SQL statement with the --query argument.

When importing a free-form query, you must specify a destination directory with --target-dir.

Here we are importing only **75 data using conditions**

**Text

Description automatically generated**

102.

Sqoop offers sql ClI as well it is accessed using **mysql -u root -p**

Password: **hortonworks1**

Graphical user interface, text, application

Description automatically generated

103. General sql command to insert into database.

Graphical user interface, text, application

Description automatically generated

104. importing under sqoop/empl directory and splitted by id.

Text, application

Description automatically generated

106.Additional data added into table incr\_tbl

Graphical user interface, text, application

Description automatically generated

107. Incremental append by checking value of id.

Graphical user interface, text, application

Description automatically generated

108. Four More mapper were added from sqoop import from picture 107.Graphical user interface, text, application

Description automatically generated

109. a 12 rows in table incr\_tbl.

Graphical user interface, text, application

Description automatically generated

109.b update column name where id=2.

Graphical user interface, text, application, Word

Description automatically generated

110.Doing the incremental append again the update value wont reflect.

Graphical user interface, text, application

Description automatically generated

111. We can see that value in row 2 is not updated so we have to take argument last modified while importing.

Graphical user interface, text

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112.

Graphical user interface, text, application

Description automatically generated

114. Select 5 row from table TBLS from hive database.

Calendar

Description automatically generated

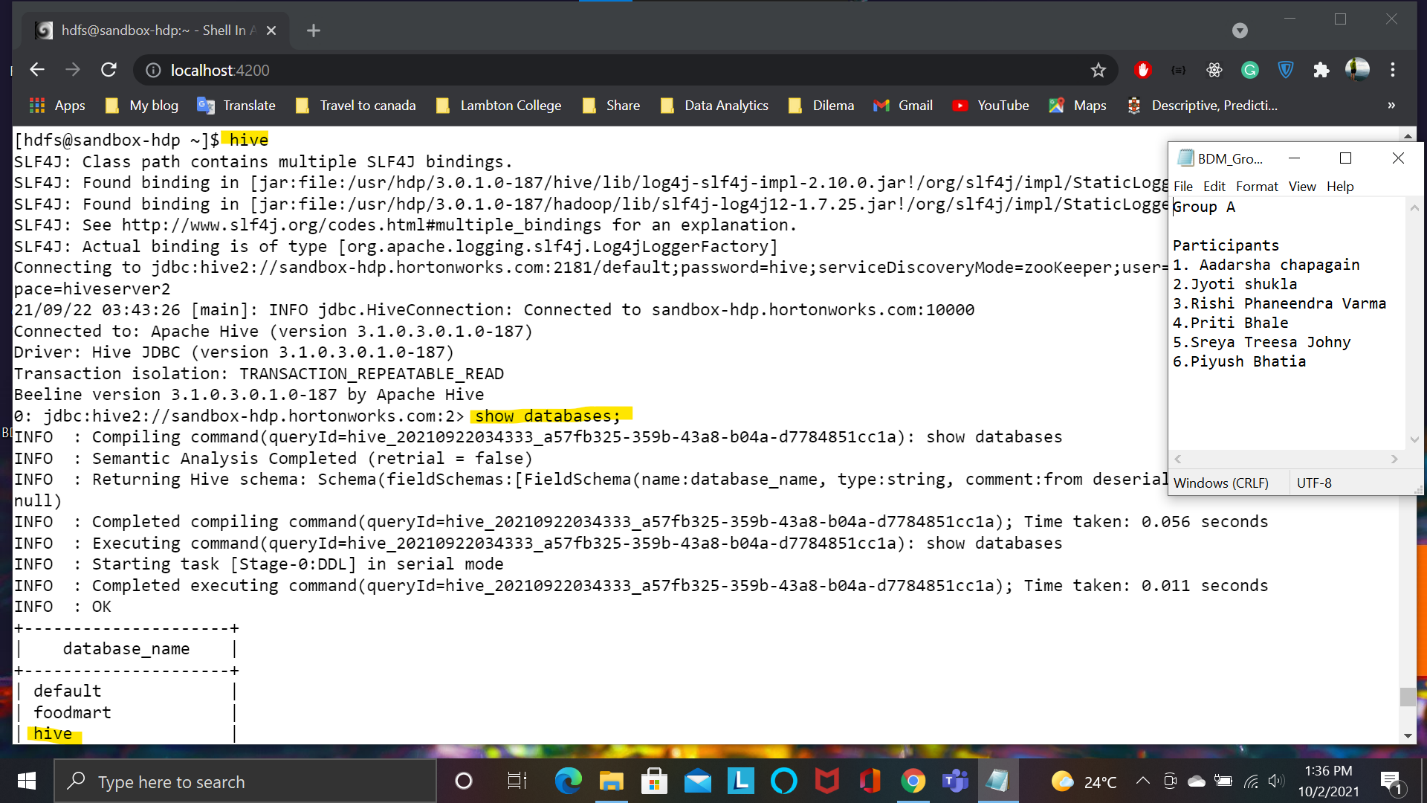
115.

IN MYSQL THERE IS A DB CALLED HIVE AND UNDER HIVE DB I have TXNS table which I use to import to Hive and name it as employee

Text

Description automatically generated

116.Use hive and show databases. We can see hive data base there



117. Show tables and explore employees table to show the structure.Graphical user interface, text, application

Description automatically generated