**Lab Assignment 3**

**Sqoop Commands**

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**Execute below Sqoop Commands and post the screenshots with one example each.**

**1. sqoop list-databases**

**sqoop list-databases --connect jdbc:mysql://localhost:3306/ --username root --password hadoop**

**A screenshot of a computer

Description automatically generated**

**2. sqoop list-tables**

**sqoop list-tables --connect jdbc:mysql://localhost:3306/sqoop --username root --password hadoop**

**A screenshot of a computer

Description automatically generated**

**3. sqoop import-all-tables**

**sqoop import-all-tables --connect jdbc:mysql://localhost:3306/sqoop --username root --password hadoop -m 1**

**m is specifying number of mappers required**

**A screenshot of a computer

Description automatically generated**

We can see the import output on browser

**4. sqoop import**

**sqoop import --connect jdbc:mysql://localhost:3306/sqoop --username root --password hadoop --table pet -m 1 --target-dir /aadarsha/sqoop-pet-m**

A screenshot of a computer

Description automatically generated

Output From Browser

A screenshot of a computer

Description automatically generated

**5. sqoop --options-file**

**Options- file is used to store connection parameter in a file and connect to mysql, using password in command is not recommended so**

A screenshot of a computer

Description automatically generated

Graphical user interface, text, application

Description automatically generated

**6. sqoop eval**

**sqoop eval --connect jdbc:mysql://localhost:3306/sqoop --username root --password hadoop --query "SELECT name,owner FROM pet where sex='f'"**

**A screenshot of a computer

Description automatically generated**

**7. sqoop export**

**sqoop export --connect jdbc:mysql://localhost:3306/sqoop --username root --password hadoop --table pet\_export --input-fields-terminated-by '\t' --input-lines-terminated-by '\n' --export-dir /aadarsha/sqoop-pet-input**

**A screenshot of a computer

Description automatically generated**

**8. sqoop job**

**sqoop job --create myjob1 -- list-databases --connect jdbc:mysql://localhost:3306/ --username root --password hadoop**

**sqoop job –list**

**sqoop job --exec myjob1**

A screenshot of a computer

Description automatically generated

Text

Description automatically generated with low confidence

**9. sqoop codegen**

**Codegen is used to convert into jar file**

**Here the table will converted to jar**

**sqoop codegen --connect jdbc:mysql://localhost:3306/sqoop --username root --password hadoop --table pet**

A screenshot of a computer

Description automatically generated

**10. sqoop create-hive-table**

**sqoop create-hive-table --connect jdbc:mysql://localhost:3306/sqoop --username root --password hadoop --table pet --hive-table mypet**

**A picture containing text

Description automatically generated**

**Text

Description automatically generated**