**Instructions:**

**Problem1**

Connect to mySQL database using sqoop, import all orders that have order\_status as COMPLETE

**Data Description:**

A mysql instance is running on the localhost. In that instance, you will find orders table that contains order’s data.

> Installation: localhost

> Database name:  retail\_db

> Table name: Orders

> Username: root

> Password: cloudera

**Output Requirement:**

Place the customer’s files in HDFS directory "/user/cloudera/problem1/orders/parquetdata"

Use parquet format with tab delimiter and snappy compression.

Null values are represented as -1 for numbers and "NA" for string

**Problem2**

**Instructions:**

Connect to mySQL database using sqoop, import all customers that lives in 'CA' state.

**Data Description:**

A mysql instance is running on the localhost node. In that instance, you will find customers table that contains customer’s data.

> Installation: localhost

> Database name:  retail\_db

> Table name: Customers

> Username: root

> Password: cloudera

**Output Requirement:**

Place the customers files in HDFS directory "/user/cloudera/problem1/customers\_selected/avrodata"

Use avro format and snappy compression.

Load only customer\_id,customer\_fname,customer\_lname,customer\_state

**Problem3**

**Instructions:**

Connect to mySQL database using sqoop, import all customers whose street name contains "Plaza" .

**Data Description**:

A mysql instance is running on the localhost node.In that instance you will find customers table that contains customers data.

> Installation : localhost

> Database name:  retail\_db

> Table name: Customers

> Username: root

> Password: cloudera

**Output Requirement:**

Place the customers files in HDFS directory "/user/cloudera/problem1/customers/textdata"

Save output in text format with fields seperated by a '\*' and lines should be terminated by pipe

Load only "Customer id, Customer fname, Customer lname and Customer street name"

Sample Output

11942\*Mary\*Bernard\*Tawny Fox Plaza|10480\*Robert\*Smith\*Lost Horse Plaza|.................................