USECASE: Export single table to mysql

Problem Statement- 1.Serial export

```
sqoop export \
--connect jdbc:mysql://quickstart.cloudera:3306/retail_db \
--username retail_dba \
--password cloudera \
--table orders_test \
--export-dir /user/hive/warehouse/retail_db.db/orders \
--m 1
```

#If your hive table columns are using delimiter other than ','

#you need to explicitly specify the delimiter using --input-fields-terminated-by switch

```
sqoop export \
--connect jdbc:mysql://quickstart.cloudera:3306/retail_db \
--username retail_dba \
--password cloudera \
--table orders_test \
--export-dir /user/hive/warehouse/retail_db.db/orders \
--input-fields-terminated-by ',' \
```

Problem Statement- 2.#Export specific columns

#In this case, make sure all the other columns in the mysql table has default constraint

```
sqoop export \
--connect jdbc:mysql://quickstart.cloudera:3306/retail_db \
--username retail_dba \
--password cloudera \
--table orders_test \
--export-dir /user/hive/warehouse/retail_db.db/orders \
```

--input-fields-terminated-by ',' \

--columns order_id,order_status

Problem Statement- 3.#Updating existing data using --update-key switch

#Suppose, if the key doesn't exists, use --update-mode switch to define how sqoop must handle the case .Update-mode can be either updateonly or allowinsert

sqoop export \

--connect jdbc:mysql://quickstart.cloudera:3306/retail_db \

--username retail_dba \

--password cloudera \

--table orders_test \

--export-dir /user/hive/warehouse/retail_db.db/orders \

--input-fields-terminated-by ',' \

--update-key order_id \

--update-mode allowinsert

Problem Statement- 4#Exporting sequence file into MySQL

#For SequenceFile, we need to explicitely specify

#--jar-file & --class-name switch to let Sqoop know how to handle the data

#To get the jarfile, you need to either develope your own program or

#keep the jarfile generated while you do sqoop import

#This below sqoop import will preserve the jarfile

sqoop import \

--connect jdbc:mysql://quickstart.cloudera:3306/retail_db \

--username retail_dba \

--password cloudera \

--table orders \

--as-sequencefile \

--target-dir /user/cloudera/orders \

--outdir /home/cloudera/sqoop/import/out \

--bindir /home/cloudera/sqoop/import/bin

#Then use the jarfile generated from sqoop import to export the

#sequence file data from HDFS into MySQL

```
sqoop export \
--connect jdbc:mysql://quickstart.cloudera:3306/retail_db \
--username retail_dba \
--password cloudera \
--table orders_export_test \
--export-dir /user/cloudera/orders \
--jar-file sqoop/import/bin/orders.jar \
--class-name orders
```