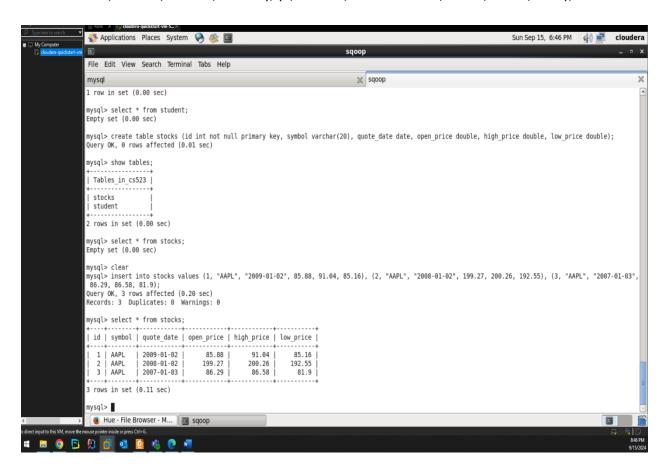
## Lab7. Sqoop and Flume

## #Creating Table

mysql> create table stocks (id int not null primary key, symbol varchar(20), quote\_date date, open\_price double, high\_price double, low\_price double);

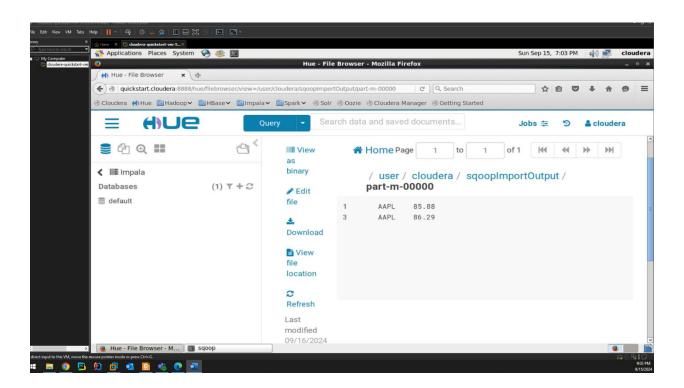
## #Inserting into the table

mysql> insert into stocks values (1, "AAPL", "2009-01-02", 85.88, 91.04, 85.16), (2, "AAPL", "2008-01-02", 199.27, 200.26, 192.55), (3, "AAPL", "2007-01-03", 86.29, 86.58, 81.9);



#Import table in Tab Seperated format into HDFS

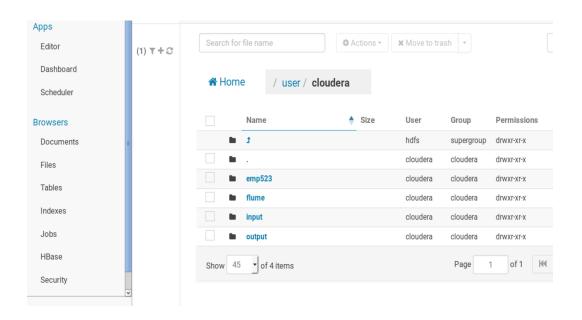
sqoop import --connect jdbc:mysql://localhost/cs523 --username root -P --table stocks --columns id,symbol,open\_price -where "low\_price<100" --fields-terminated-by "\t" --target-dir=/user/cloudera/sqoopImportOutput -m 1

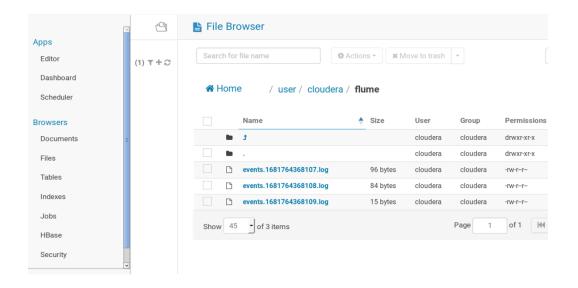


## 2. Flume

```
#Flume configuration
```

```
agent1.sources = source1
agent1.sinks = sink1a sink1b
agent1.channels = channel1a channel1b
agent1.sources.source1.channels = channel1a channel1b
agent1.sinks.sink1a.channel = channel1a
agent1.sinks.sink1b.channel = channel1b
agent1.sources.source1.type = spooldir
agent1.sources.source1.spoolDir = /home/cloudera/cs523/flume
agent1.sinks.sink1a.type = hdfs
agent1.sinks.sink1a.hdfs.path = hdfs://localhost/user/cloudera/flume
agent1.sinks.sink1a.hdfs.filePrefix = events
agent1.sinks.sink1a.hdfs.fileSuffix = .log
agent1.sinks.sink1a.hdfs.inUsePerfix =
agent1.sinks.sink1a.hdfs.fileType = DataStream
agent1.sinks.sink1b.type = logger
agent1.channels.channel1a.type = file
agent1.channels.channel1b.type = memory
```





ser								
4	<b>¥</b> Home			Page	1	to	1	of
	/ user / clou	dera /	flume /	events.1	681	76436	8107.	log
Jeff John Tom Zac Marc Jane	er Herman f Keagan n Smith Ally Michel c Elton e Jeanet ie Louise							