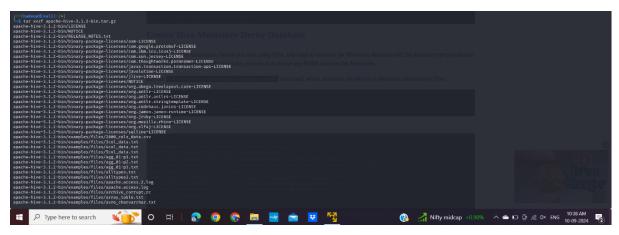
EXP NO: 5

INSTALLATION OF HIVE

\$wget https://archive.apache.org/dist/hive/hive-3.1.2/apache-hive-3.1.2-bin.tar.gz



\$tar xvzf apache-hive-3.1.2-bin.tar.gz



\$mv apache-hive-3.1.2-bin hive

\$nano ~/.bashrc

Ssource ~/.bashrc

\$cd hive

\$cp conf/hive-default.xml.template conf/hive-site.xml



\$nano conf/hive-site.xml

\$start-all.sh

\$ jps

\$hdfs dfs -mkdir /user

\$hdfs dfs -mkdir /user/hive

\$hdfs dfs -mkdir /user/hive/warehouse

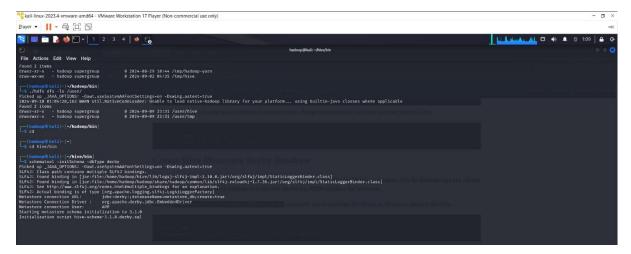
\$hdfs dfs -mkdir /user/tmp

\$hdfs dfs -chmod g+w /user/tmp

\$hdfs dfs -chmod g+w /user/hive/warehouse

\$cd \$HIVE_HOME/bin

\$schematool -initSchema -dbType derby





Shive

>show databases;

> CREATE DATABASE financials;

```
hive> CREATE DATABASE financials;
OK
Time taken: 0.591 seconds
```

> use financials;

```
hive> use financials;
OK
Time taken: 0.229 seconds
```

> CREATE TABLE finance_table(id INT, name STRING);

```
hive> CREATE TABLE finance_table( id INT, name STRING );
OK
Time taken: 2.536 seconds
```

> INSERT INTO finance_tableVALUES (1, 'Alice'), (2, 'Bob'), (3, 'Charlie');

```
Nive> INSERT INTO finance_table VALUES (1, 'Alice'), (2, 'Bob'), (3, 'Charlie');

Query ID = hadoop_20240910011318_750e07f4-dbcc-4020-a345-37b6aac0dbbf
TOTAl jobs = 1
Universal to the second of the
```

> CREATE VIEW myview AS SELECT name, id FROM finance_table;

```
hive> CREATE VIEW myview AS SELECT name, id FROM finance_table;
OK
Time taken: 0.82 seconds
```

> SELECT * FROM myview;

```
hive> SELECT * FROM myview;

OK
Alice 1
Bob 2
Charlie 3
Time taken: 0.716 seconds, Fetched: 3 row(s)
hive>
```

> DESCRIBE finance_table;

```
hive> DESCRIBE finance_table;
OK
id int
name string
Time taken: 0.348 seconds, Fetched: 2 row(s)
```

> ALTER TABLE finance_table ADD COLUMNS (age INT);

>quit;

```
hive> ALTER TABLE finance_table ADD COLUMNS (age INT);
OK
Time taken: 0.457 seconds
hive> quit;
```