**HIVE Assignment 2**

**Create external tables for drivers and timesheet data and answer the following queries**

**HIVE QL >>** Create EXTERNAL TABLE drivers\_kn (driverId int,name string,ssn string,location string,certified string, wage\_plan string ) ROW FORMAT DELIMITED FIELDS TERMINATED BY ‘,’ tblproperties('skip.header.line.count' = '1');

Create EXTERNAL TABLE timesheet\_kn (driverid int,week int,hours\_logged int,miles\_logged int ) ROW FORMAT DELIMITED FIELDS TERMINATED BY ‘, tblproperties('skip.header.line.count' = '1')

A close-up of a computer screen

Description automatically generated

Loading data into tables:

A computer screen with text

Description automatically generated

**Query:**

**How many total hours and miles logged by each driver?**

hive> select driverid , sum(hours\_logged), sum(miles\_logged) from timesheet\_kn group by driverid;

A close-up of a white background

Description automatically generated

A white screen with black text

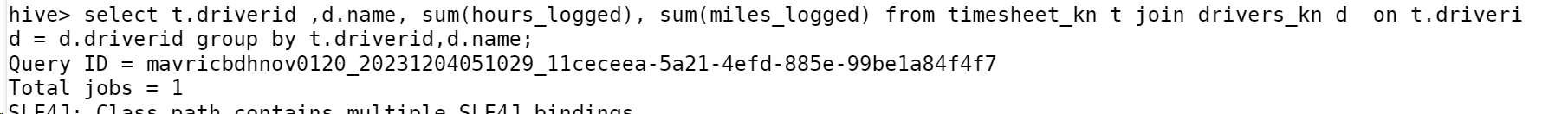
Description automatically generated

**Query:**

**Print the name of the driver in the above query**

hive> select t.driverid ,d.name, sum(hours\_logged), sum(miles\_logged) from timesheet\_kn t join drivers\_kn d on t.driverid

= d.driverid group by t.driverid,d.name;



A close-up of a computer screen

Description automatically generated

**Query:**

**Write the above query output in to hdfs directory**

hive> insert overwrite directory '/user/mavricbdhnov0120' row format delimited fields terminated by ',' stored a

s textfile select t.driverid ,d.name, sum(hours\_logged), sum(miles\_logged) from timesheet\_kn t join drivers\_k d on t.driv

erid = d.driverid group by t.driverid ,d.name;

A close-up of a text

Description automatically generated

A close-up of a computer code

Description automatically generated

A computer screen with numbers and symbols

Description automatically generated