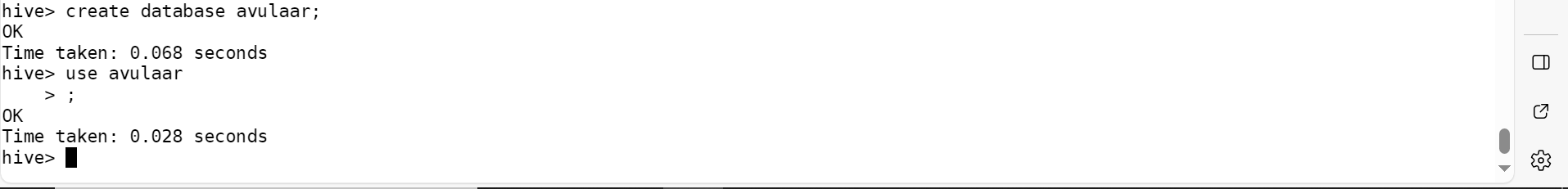
**DRIVER ANALYSIS**



CREATE EXTERNAL TABLE driver\_info1 (

> driverId INT,

> name STRING,

> ssn STRING,

> location STRING,

> certified STRING,

> wage\_plan STRING

> )

> ROW FORMAT DELIMITED

> FIELDS TERMINATED BY ','

> STORED AS TEXTFILE

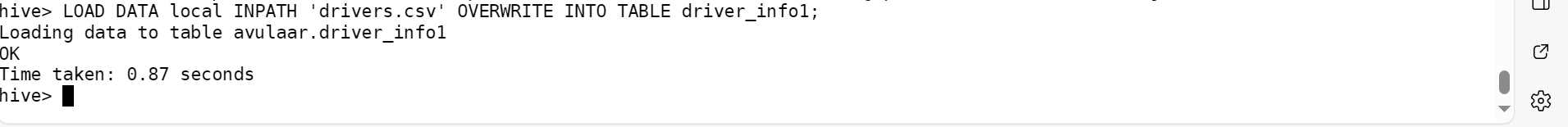
> tblproperties(

> "skip.header.line.count"="1"

> );

A white background with black text

Description automatically generated



CREATE EXTERNAL TABLE timesheet\_data1 (

> driverId INT,

> week INT,

> hours\_logged DOUBLE,

> miles\_logged DOUBLE

> )

> ROW FORMAT DELIMITED

> FIELDS TERMINATED BY ','

> STORED AS TEXTFILE

> tblproperties(

> "skip.header.line.count"="1"

> );

A white background with black text

Description automatically generated



**Q1.How many total hours and miles logged by each driver**

SELECT

> t.driverId,

> SUM(t.hours\_logged) AS total\_hours\_logged,

> SUM(t.miles\_logged) AS total\_miles\_logged

> FROM timesheet\_data1 t

>

> JOIN driver\_info1 d ON t.driverId = d.driverId

>

> GROUP BY t.driverId;



A screenshot of a computer

Description automatically generated

**Q2.Print the name of the driver in the above query**

SELECT

> t.driverId,

> d.name,

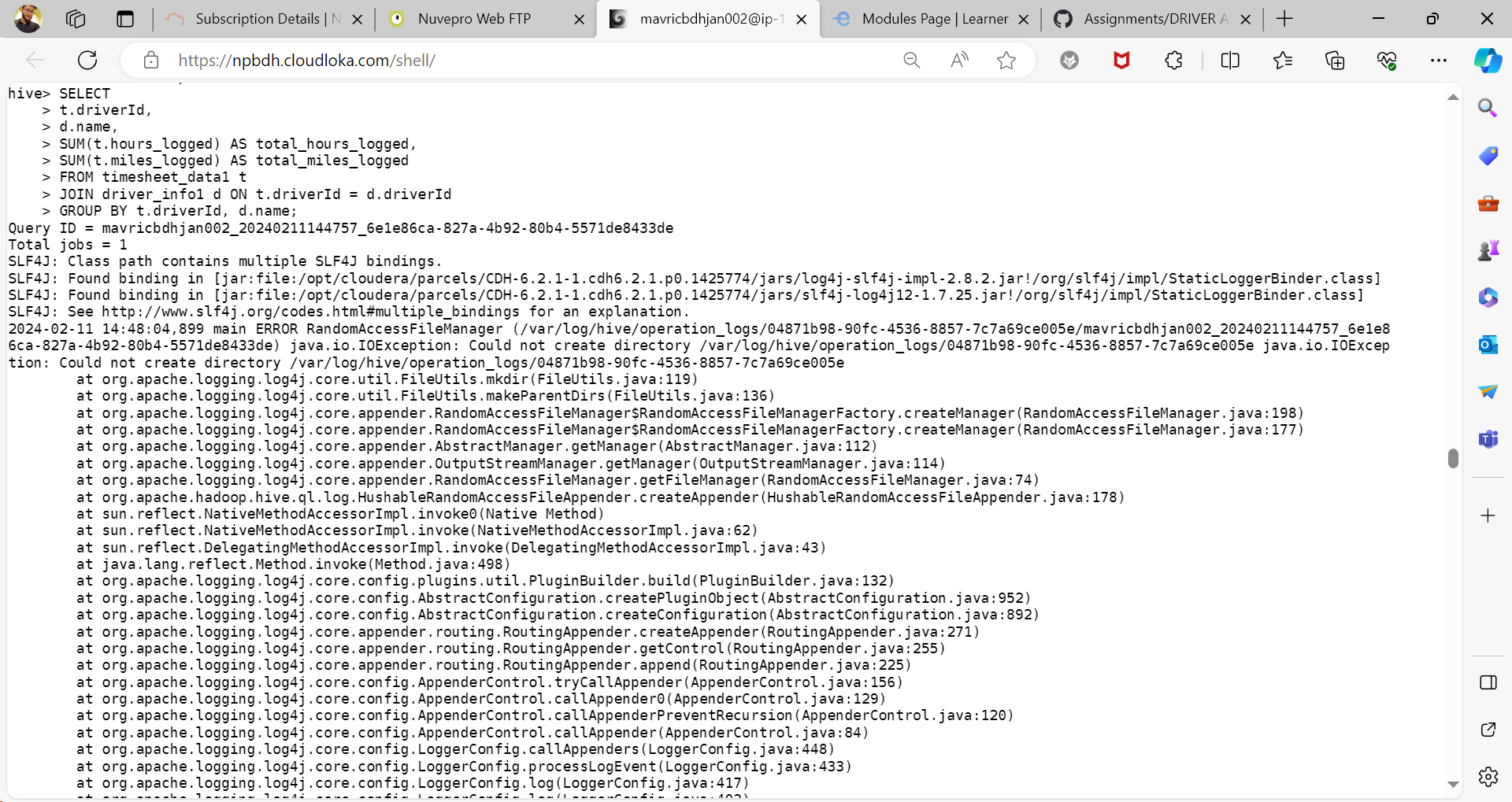
> SUM(t.hours\_logged) AS total\_hours\_logged,

> SUM(t.miles\_logged) AS total\_miles\_logged

> FROM timesheet\_data1 t

> JOIN driver\_info1 d ON t.driverId = d.driverId

> GROUP BY t.driverId, d.name



A screenshot of a computer

Description automatically generated

**Q3.Write the above query output in to hdfs director**

A close-up of a white background

Description automatically generated