**DBMS LAB**

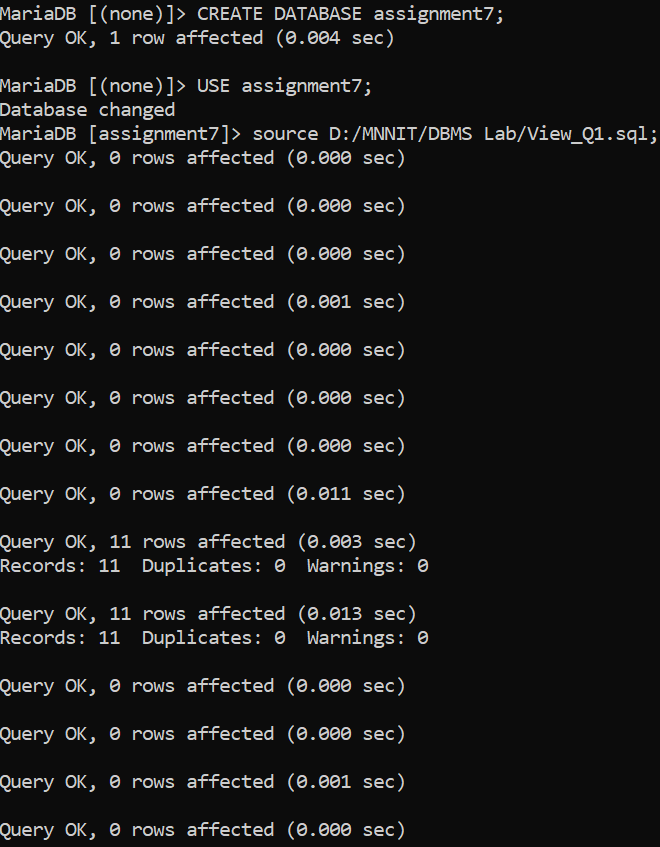
**ASSIGNMENT-7**

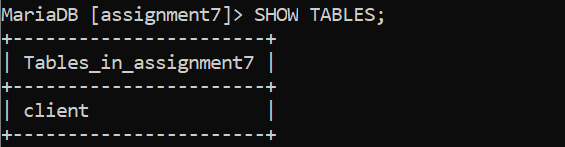
**SNEHA SINGH**

**20198023**

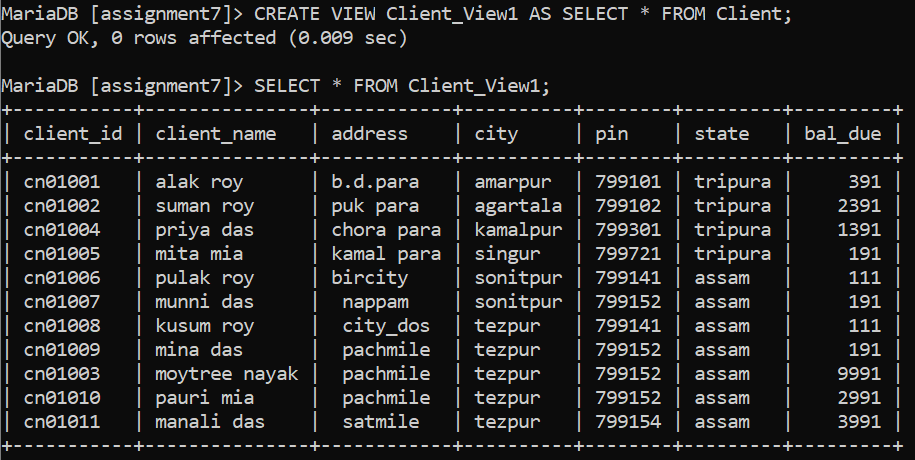
**IT 5 B2**

**1) Consider the following schema:**

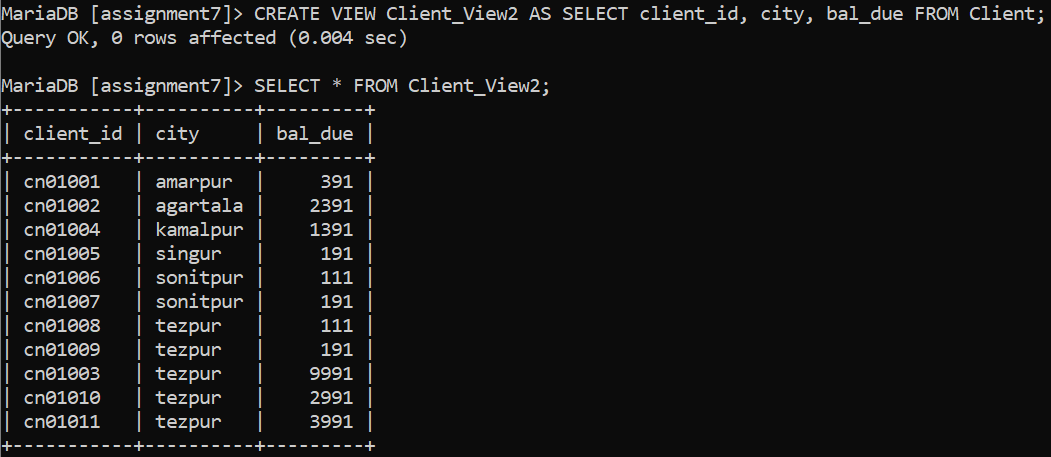
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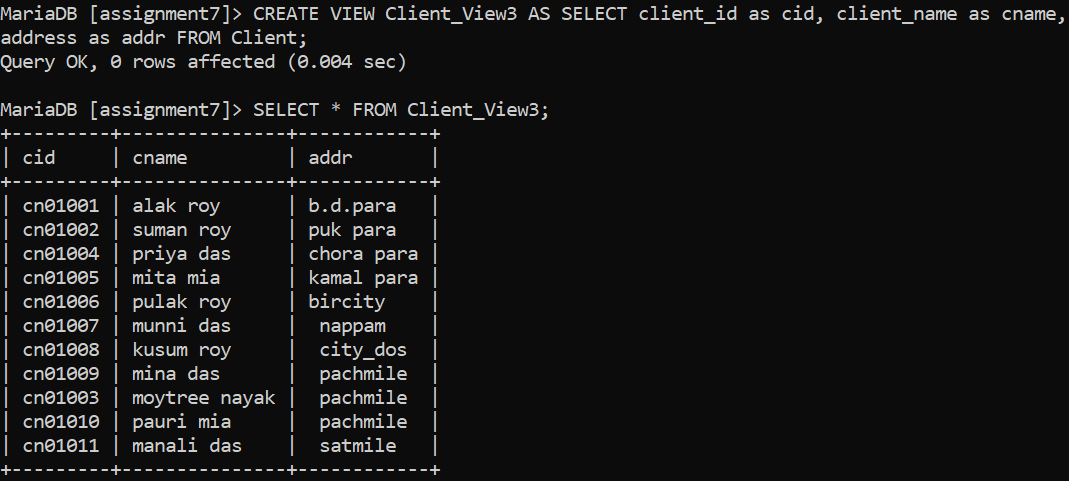
**a) Create a View called Client\_View1 having all data of Client table.**

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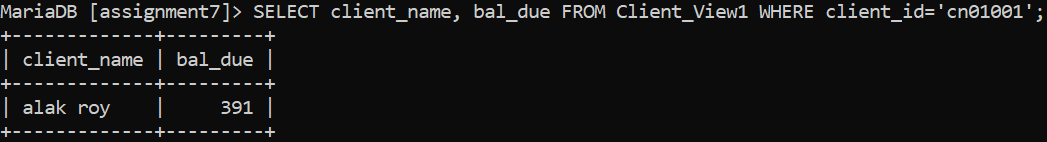
**b) Create a view called Client\_vw2 having Client\_ID, city and Bal\_Due attributes of client table.**

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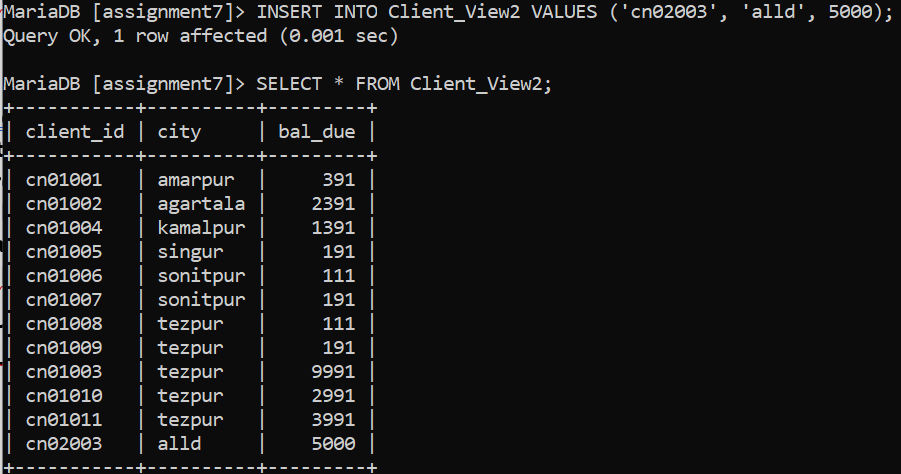
**c) Create a view called Client\_vw3 with renaming Client\_ID as CID, Client\_Name as cname and Address as Addr of client table.**

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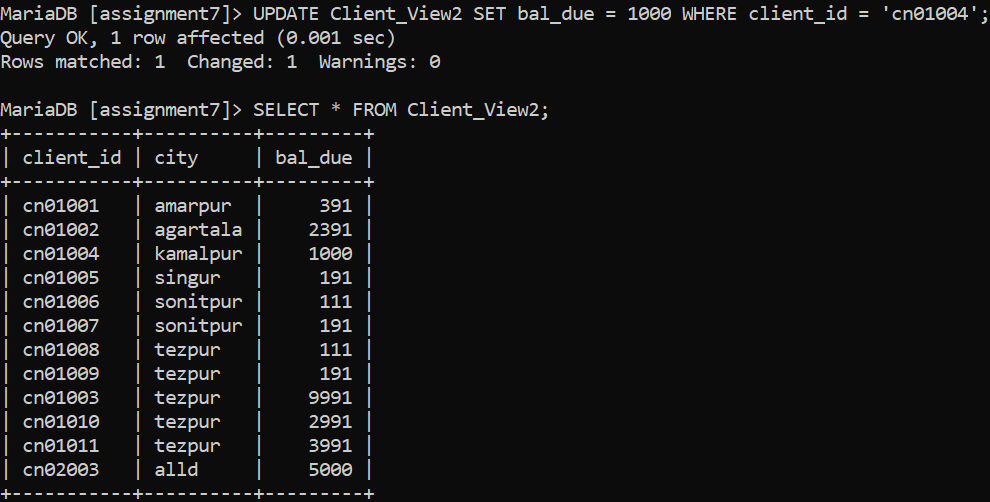
**d) Using Client\_view1, print client\_name and Balance of Client whose ID is ‘cn01001’.**

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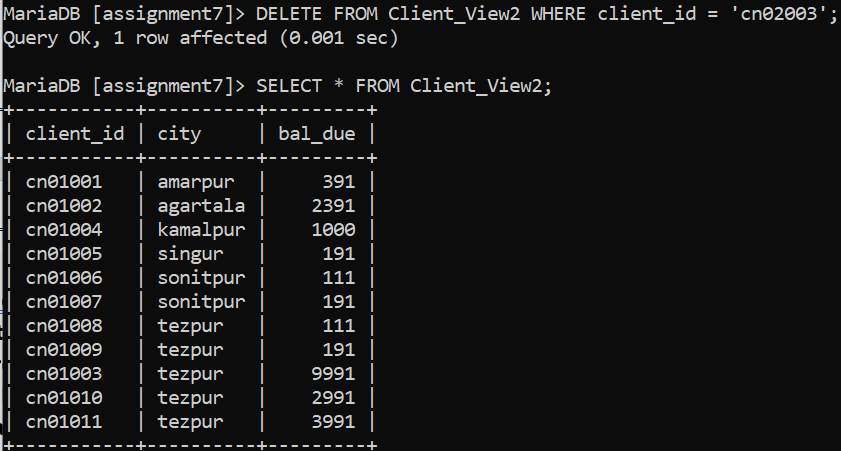
**e) Insert a row into Client\_vw2 (‘cn02003’, ‘alld’, 5000).**

****

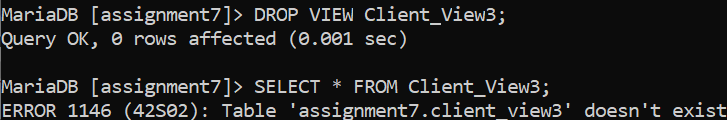
**f) Modify view Client\_vw2 such that bal\_due of Client\_ID CN01004 now become 1000.**

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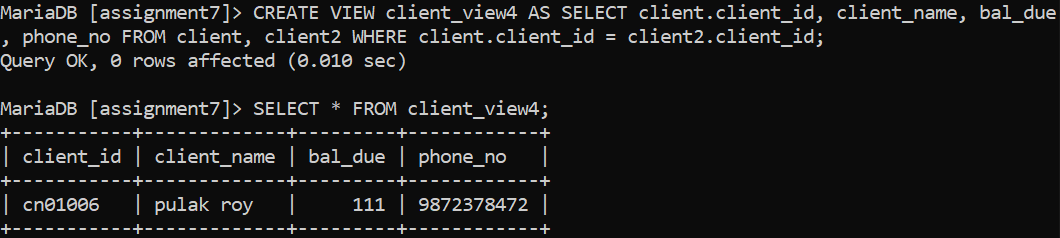
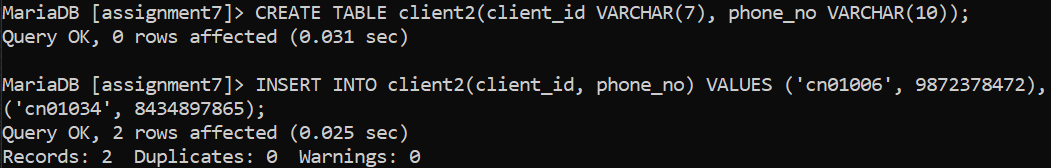
**g) Delete row from view client\_vw2 where Client\_ID=’CN02003’.**

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**h) Delete view client\_vw3 from memory.**

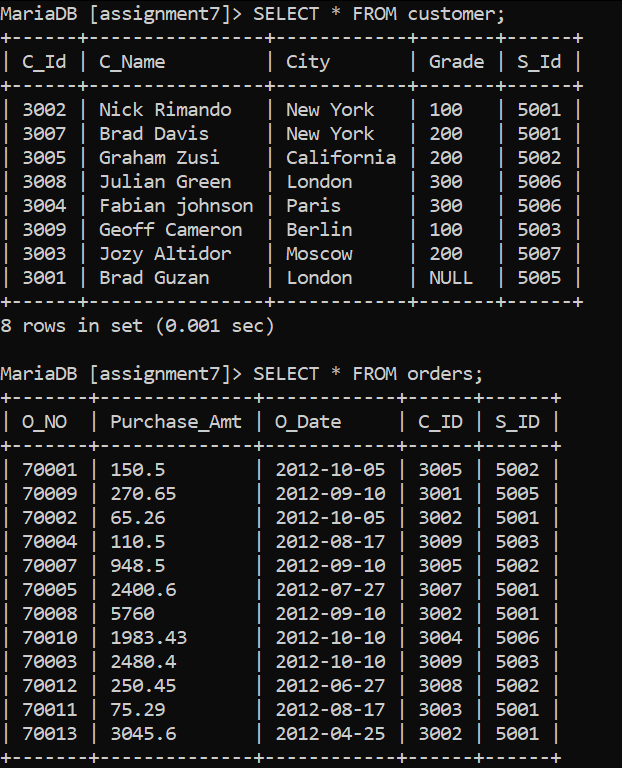
****

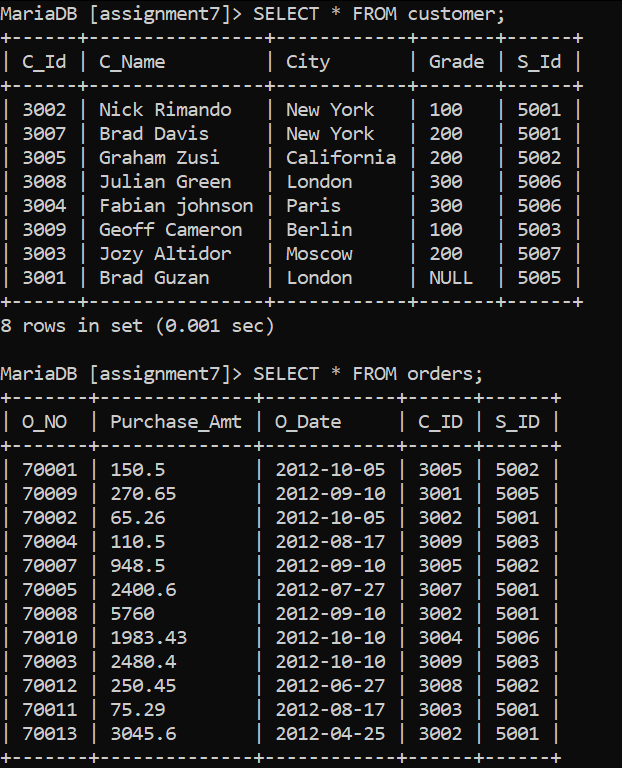
**i) Consider another table Client2 (ClientID, Phone). Create a view client\_vw4 which has clientID, Client\_name, bal\_due and phone. Use both the tables Client and Client2.**

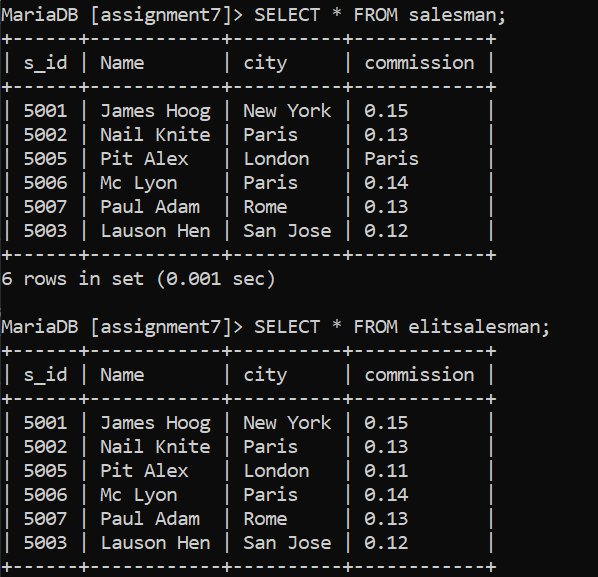
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**2) Consider the following schema:**

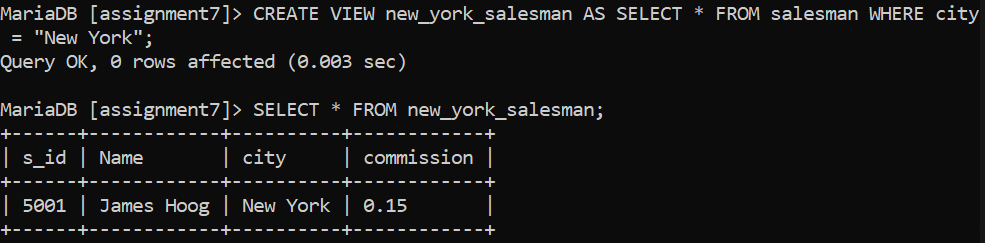
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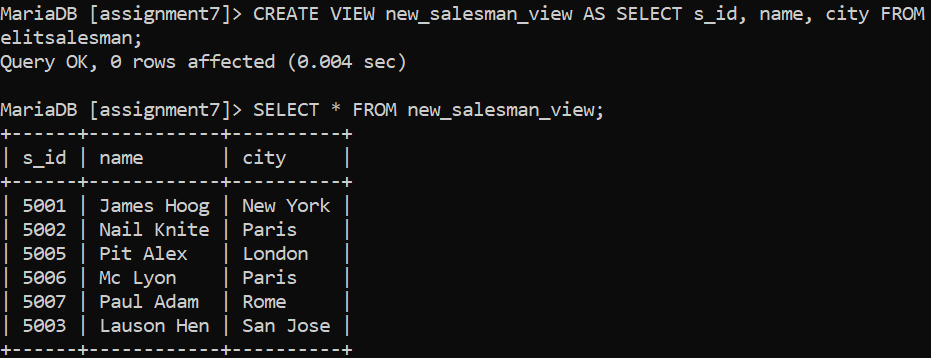
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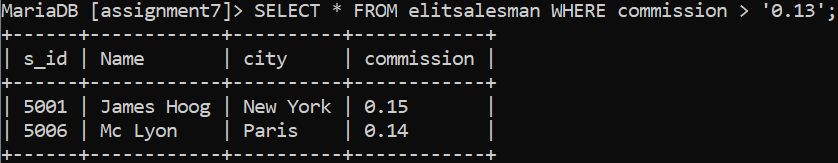
**a) Create a view for those salesmen who belong to the city ‘New York’.**

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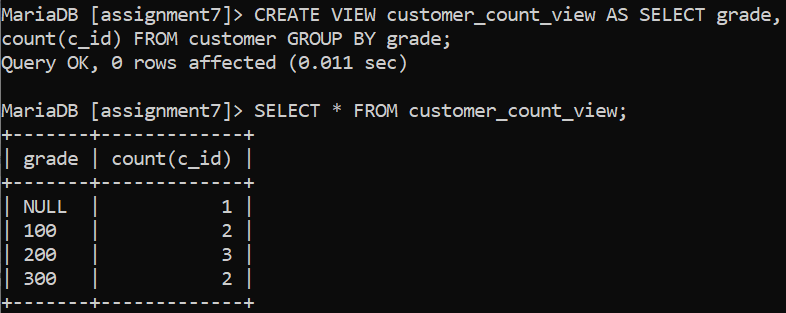
**b) Create a view for all salesmen with columns salesman\_id, name and city.**

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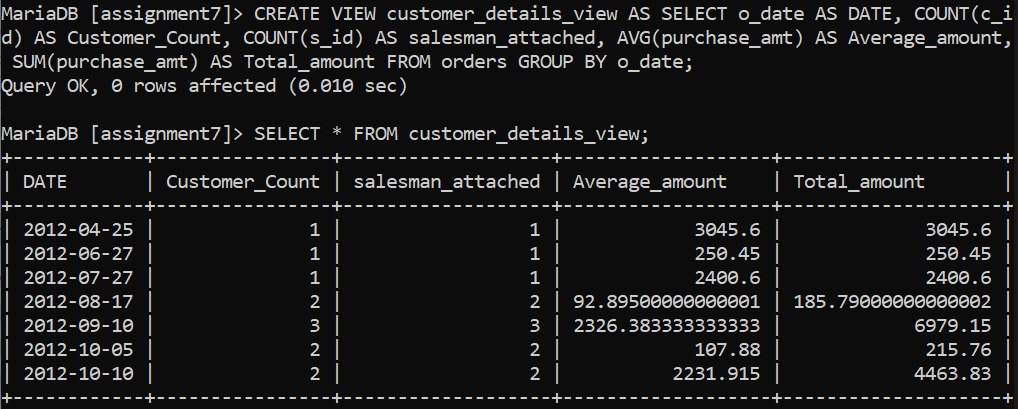
**c) Find the salesmen of the city New York who achieved the commission more than 13%.**

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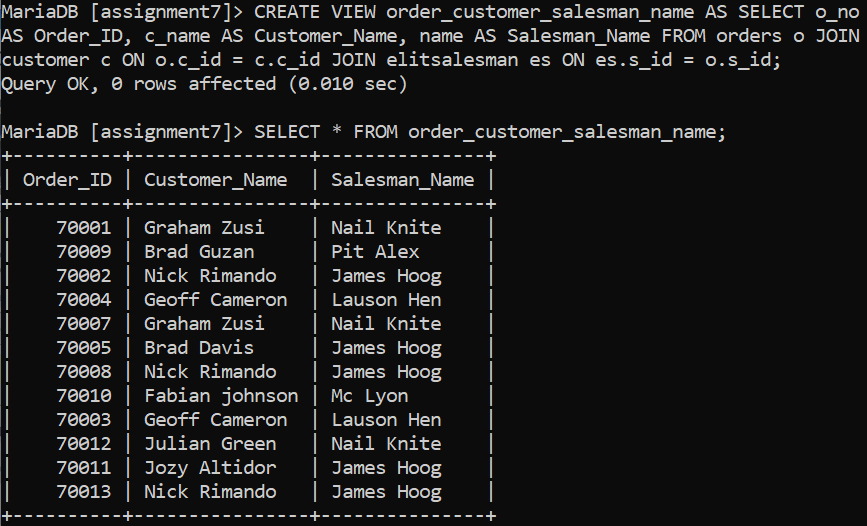
**d) Create a view to getting a count of how many customers we have at each level of a grade.**

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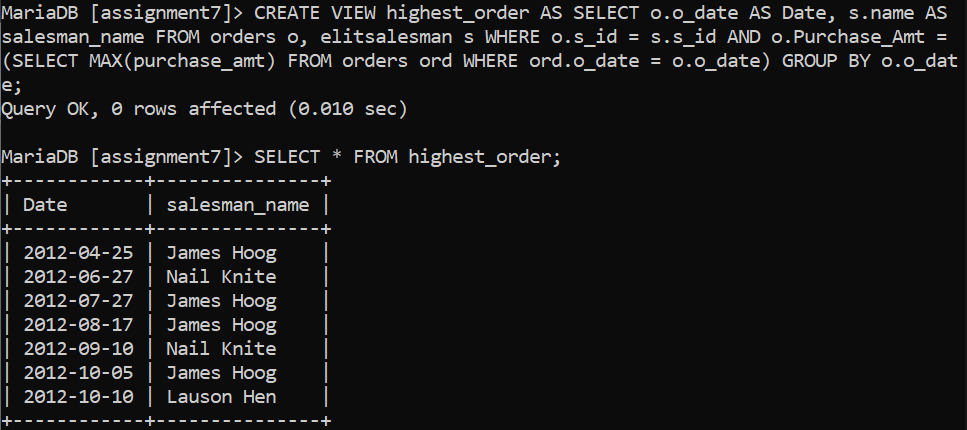
**e) Create a view to keeping track the number of customers ordering, number of salesmen attached, average amount of orders and the total amount of orders in a day.**

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**f) Create a view that shows for each order the salesman and customer by name.**

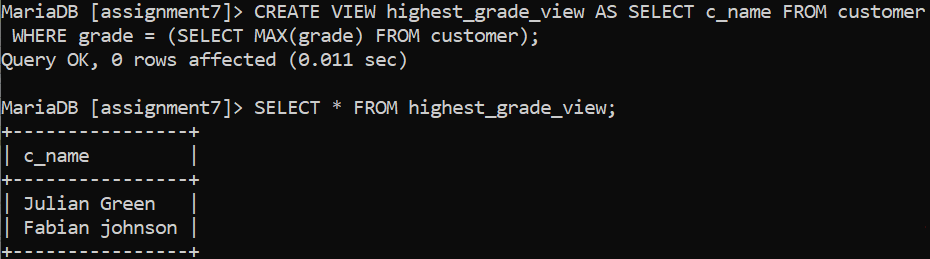
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**g) Create a view that finds the salesman who has the customer with the highest order of a day.**

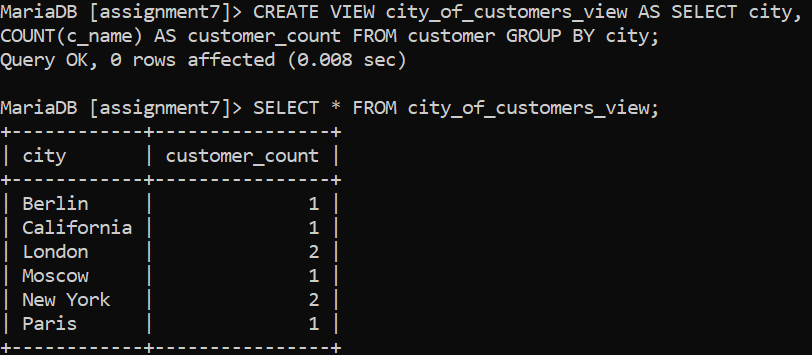
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**h) Create a view that finds the salesman who has the customer with the highest order at least 3 times on a day.**

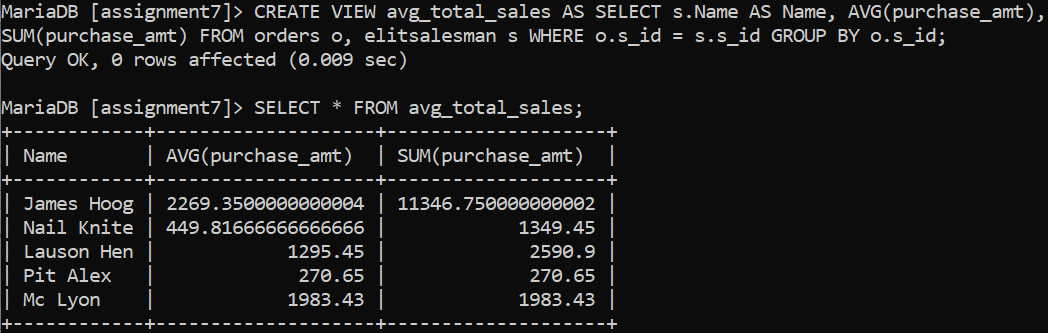
**i) Create a view that shows all of the customers who have the highest grade.**

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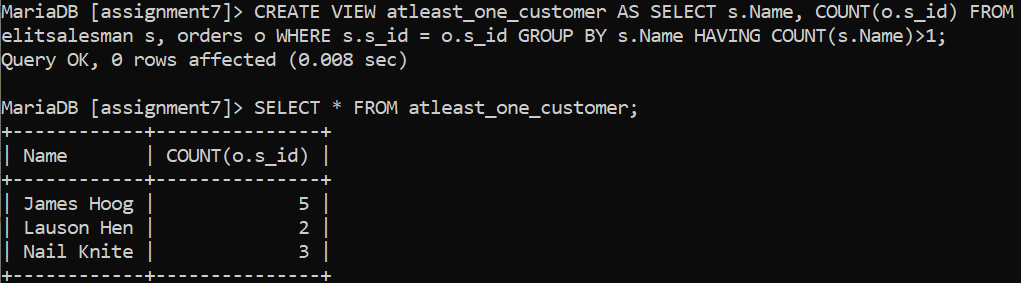
**j) Create a view that shows the number of the salesman in each city.**

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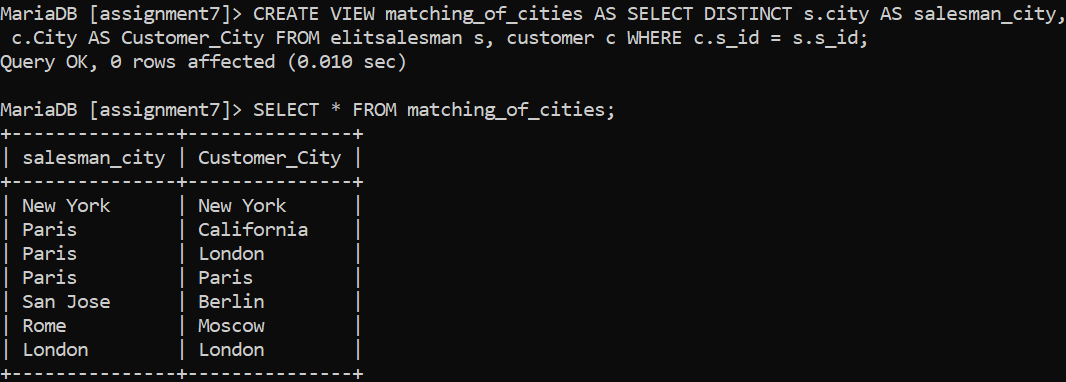
**k) Create a view that shows the average and total orders for each salesman after his or her name. (Assume all names are unique)**

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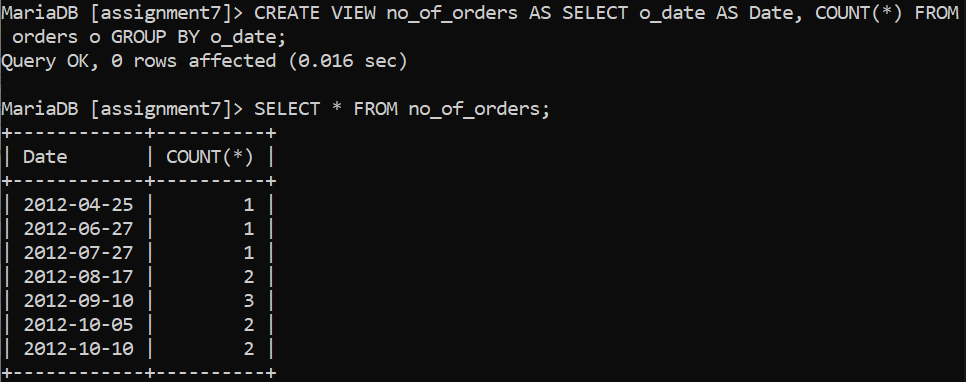
**l) Create a view that shows each salesman with more than one customer.**

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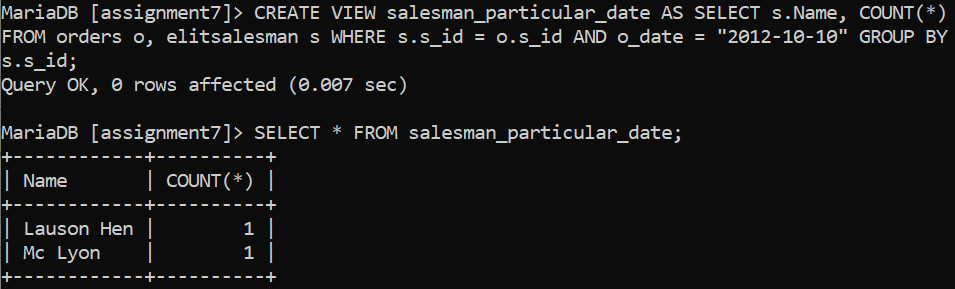
**m) Create a view that shows all matches of customers with salesman such that at least one customer in the city of customer served by a salesman in the city of the salesman.**

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**n) Create a view that shows the number of orders in each day**

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**o) Create a view that finds the salesmen who issued orders on October 10th, 2012.**

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**p) Create a view that finds the salesmen who issued orders on either August 17th, 2012 or October 10th, 2012.**

