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WORKSHEET 2.4

Student Name: Rajiv Paul   **UID: 20BCS1812**

Branch: CSE   **Section/Group: 709A**

Semester: 3rd   **Date of Performance: 25/10/2021**

Subject Name:DBMS Lab   **Subject Code: 20CSP-215**

Q1.

Consider the following table:

salesman_id	name	city	commission	
5001	James Hoog	New York	0.15	
5002	Nail Knite	Paris	0.13	
5005	Pit Alex	London	0.11	
5006	Mc Lyon	Paris	0.14	
5007	Paul Adam	Rome	0.13	
5003	Lauson Hen	San Jose	0.12	

1. Write a query to create a view for those salesmen belonging to the city New York.
2. Write a query to create a view for all salesmen with columns salesman_id, name, and city.

1) Aim/Overview of the practical:

1. To write a query to create a view for those salesmen belonging to the city New York.

2. To Write a query to create a view for all salesmen with columns salesman_id, name, and city.

2**) Software required:**

  Oracle Live SQL

3**) Source Code (screenshot of the query executed):**

1.

```
CREATE VIEW newyorkman
AS SELECT *
FROM salesman
WHERE city = 'New York';
```

2.

```
CREATE VIEW salespersons
 AS SELECT salesman_id, name, city
 FROM salesman;
```

4. Final Result/Output (after removing the errors): (Screenshot of output without any error)

1.

SALESMAN_ID	NAME	CITY	COMMISSION
5001	James Hoog	New York	.15

Download CSV

2.

SALESMAN_ID	NAME	CITY
5002	Nail Knite	Paris
5005	Pit Alex	Londaon
5003	Lauson Hen	San Jose
5001	James Hoog	New York
5007	Paul Adam	Rome
5006	Mc Lyon	Paris

Download CSV
6 rows selected.

Learning outcomes (What I have learnt):

1.

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Q2.

Consider the following relation Customer:

customer_id	cust_name	city	grade	salesman_id
3002	Nick Rimando	New York	100	5001
3007	Brad Davis	New York	200	5001
3005	Graham Zusi	California	200	5002
3008	Julian Green	London	300	5002
3004	Fabian Johnson	Paris	300	5006
3009	Geoff Cameron	Berlin	100	5003
3003	Jozy Altidor	Moscow	200	5007
3001	Brad Guzan	London		5005

Write a query to create a view to getting a count of how many customers we have at each level of a grade.

1) Aim/Overview of the practical:

To write a query to create a view to getting a count of how many customers we have at each level of a grade.

2) Software required:

Oracle Live SQL

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3) Source Code (screenshot of the query executed):

```
CREATE VIEW gradecount (grade,salesman_id)
AS SELECT grade, COUNT(*)
FROM customer
GROUP BY grade;
```

4. Final Result/Output (after removing the errors): (Screenshot of output without any error)

GRADE	SALESMAN_ID
200	3
300	2
–	1
100	2

Download CSV
4 rows selected.

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Learning outcomes (What I have learnt):

1.

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Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			