

# **ASSIGNMENT ON ADBMS LAB**

**Submitted to**

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1. Create a view view1 from salesorder with (order number,order date)

```
CREATE VIEW VIEW1 AS SELECT ORDER_NO,ORDER_DATE FROM SALESORDER;
```

2. Describe the view view1

```
DESC VIEW1;
```

3. Display Values of view1

```
SELECT* FROM VIEW1;
```

4. Insert one row of data in view1 and observe the output/error message

```
INSERT INTO VIEW1 VALUES ('5','2013-06-01');
```

5. Create a view view2 from clientmaster (clientno,cname)

```
CREATE VIEW VIEW2 AS SELECT CLIENT_NO,CNAME FROM CLIENT_MASTER;
```

6. Insert one row of data in view2 and observe the output/error message

```
INSERT INTO VIEW2 VALUES(106,'AMMU');
```

7. Create a view view3 from salesmaster with all columns with condition 'city=mumbai'

```
CREATE VIEW VIEW3 AS SELECT * FROM SALESMaster WHERE CITY='MUMBAI';
```

8. Create a view view4 from clientmaster and salesmaster with details (cname,city,sname,city)

```
CREATE VIEW VIEW4 AS SELECT CNAME ,CLIENT_MASTER.CITY  
,SNAME,SALESMaster.SCITY FROM SALESMaster,CLIENT_MASTER;
```

9. Describe view4

```
DESC VIEW4;
```

10. Insert one row of data in view4 and observe the output/error message

```
INSERT INTO VIEW4 VALUES ('NANDU' ,'MUMBAI' ,'AMMU ','MUMBAI');
```

11. Create a view view5 from view4(cname,sname)

```
CREATE VIEW VIEW5 AS SELECT CNAME,SNAME FROM VIEW4;
```

12. Describe view5

```
DESC VIEW5;
```

13. Insert one row of data in view5 and observe the output/error message

```
INSERT INTO VIEW5 VALUES('DENNO','RONAL');
```

14. Delete the view4 table

```
DROP VIEW VIEW4;
```

15. Delete the view5 table

```
DROP VIEW VIEW5;
```

16.

## Practice 10

### Part 1

1. The staff in the HR department wants to hide some of the data in the EMPLOYEES table. They want a view called EMPLOYEES\_VU based on the employee numbers, employee names, and department numbers from the EMPLOYEES table. They want the heading for the employee name to be EMPLOYEE.

```
CREATE VIEW EMPLOYEES_V AS (SELECT EMPLOYEE_ID, LAST_NAME  
AS EMPLOYEE, DEPARTMENT_ID FROM EMPLOYEES);
```

17.

Confirm that the view works. Display the contents of the EMPLOYEES\_VU view.

```
SELECT * FROM EMPLOYEES_V;
```

18.

3. Using your EMPLOYEES\_VU view, write a query for the HR department to display all employee names and department numbers.

```
SELECT EMPLOYEE, DEPARTMENT_ID FROM EMPLOYEES_VU  
VIEW1
```

☐ jobs
 ☐ job\_grades
 ☐ job\_history
 ☐ locations
 ☐ regions
 ☐ salesmaster
 ☐ salesorder
 ☒ Views
 ☐ New
 ☒ view1
 ☐ view2
 ☐ view3
 ☐ gas\_book\_db
 ☐ information\_schema
 ☐ mysql
 ☐ onlinefest
 ☐ performance\_schema
 ☐ phpmyadmin
 ☐ question

Showing rows 0 - 5 (6 total, Query took 0.0020 seconds.)  
 SELECT \* FROM `view1`  
☐ Profiling [Ed

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	order_no	order_date
<input type="checkbox"/> Edit Copy Delete	0	2013-06-01
<input type="checkbox"/> Edit Copy Delete	01	2013-02-01
<input type="checkbox"/> Edit Copy Delete	02	2013-03-21
<input type="checkbox"/> Edit Copy Delete	03	2013-03-02
<input type="checkbox"/> Edit Copy Delete	04	2013-04-02
<input type="checkbox"/> Edit Copy Delete	05	2020-05-01

## VIEW 2

☐ jobs
 ☐ job\_grades
 ☐ job\_history
 ☐ locations
 ☐ regions
 ☐ salesmaster
 ☐ salesorder
 ☒ Views
 ☐ New
 ☐ view1
 ☒ view2
 ☐ view3
 ☐ gas\_book\_db
 ☐ information\_schema
 ☐ mysql
 ☐ onlinefest
 ☐ performance\_schema
 ☐ phpmyadmin
 ☐ question

Showing rows 0 - 4 (5 total, Query took 0.0014 seconds.)  
 SELECT \* FROM `view2`

☐ Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

	CLIENT_NO	CNAME
<input type="checkbox"/> Edit Copy Delete	101	SENCU
<input type="checkbox"/> Edit Copy Delete	102	SOBIN
<input type="checkbox"/> Edit Copy Delete	103	SENCU
<input type="checkbox"/> Edit Copy Delete	104	SIJU
<input type="checkbox"/> Edit Copy Delete	105	GEORGE

☐ Check all | With selected: Edit Copy Delete Export

## VIEW3

Current selection does not contain a unique column. Grid edit, check

Your SQL query has been executed successfully.

DESC view4

+ Options

Field	Type	Null	Key	Default	Extra
cname	varchar(7)	YES		NULL	
ccccity	varchar(10)	YES		NULL	
sname	varchar(10)	YES		NULL	
city	varchar(10)	YES		NULL	

## VIEW4

## EMPLOYEES\_V

+ Options

	EMPLOYEE_ID	employees	DEPARTMENT_ID
<input type="checkbox"/> Edit Copy Delete	100	KING	90
<input type="checkbox"/> Edit Copy Delete	101	KOCHHAR	90
<input type="checkbox"/> Edit Copy Delete	102	LDEHAAN	90
<input type="checkbox"/> Edit Copy Delete	103	HONOLD	90
<input type="checkbox"/> Edit Copy Delete	124	MOURGUS	50
<input type="checkbox"/> Edit Copy Delete	144	VARGUS	50
<input type="checkbox"/> Edit Copy Delete	178	GRANT	NULL
<input type="checkbox"/> Edit Copy Delete	205	HIGGINS	110
<input type="checkbox"/> Edit Copy Delete	205	GIETZ	110
<input type="checkbox"/> Edit Copy Delete	100	KING	90

