DBMS LAB

Submitted To

Merin Miss

Submitted by

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S2

14-6-21

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

✅ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0675 seconds.)

CREATE VIEW VIEW1 AS SELECT orderno,orderdate FROM salesorder

[Edit inline] [Edit] [Create PHP code]

2) Describe the view view1
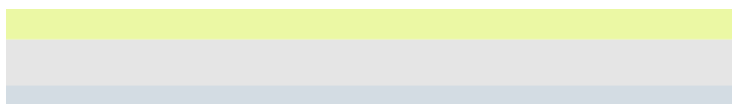
Your SQL query has been executed successfully.

DESC VIEW1

[Edit inline] [Edit] [Create PHP code]

+ Options

Field	Type	Null
orderno	varchar(10)	YES
orderdate	date	YES

3) Display values of view 1

orderno	orderdate
00	2013-06-01
01	2013-02-01
02	2013-03-21
03	2013-03-02
04	2013-04-02

4) Insert one row of data in view1 and observe the output\meesage.

INSERT INTO view1 VALUES(8," 2015-08-21");

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

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.1144 seconds.)

```
CREATE VIEW view2 as SELECT clientno,cname FROM Clientmaster
```

[Edit inline] [Edit] [Create PHP code]

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

✔ 1 row inserted. (Query took 0.1069 seconds.)

```
INSERT INTO view2 VALUES(111,'rachel')
```

[Edit inline] [Edit] [Create PHP code]

7) Create a view view3 from salesmaster with all column ʿcity =Mumbai

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0846 seconds.)

```
CREATE VIEW view3 as SELECT*FROM Salesmaster WHERE city='mumbai'
```

[Edit inline] [Edit] [Create PHP code]

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

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0846 seconds.)

```
CREATE VIEW view3 as SELECT*FROM Salesmaster WHERE city='mumbai'
```

[Edit inline] [Edit] [Create PHP code]

9) Describe view4

Your SQL query has been executed successfully.

```
DESC view4
```

[Edit inline] [Edit] [Create PHP code]

+ Options

Field	Type	Null	Key
cname	varchar(20)	YES	
ccity	varchar(20)	YES	
sname	varchar(15)	YES	
city	varchar(20)	YES	

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

INSERT INTO view4 VALUES
("nehal" , "mumbai" " nayan" ," delhi");

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

12) Describe view5

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

14) Delete the view4 table
    DROP VIEW view4;

15) Delete the view5 table
    DROP VIEW view5;

16) The staffin 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.

✔ MySQL returned an empty result set (i.e. zero rows). (Query took 0.1202 seconds.)

```
CREATE VIEW employees_vu AS (SELECT employee_id,employee_name AS employee,department_id FROM employees)
```

[Edit inline] [Edit] [Create PHP code]

17) Confirm that the view works. Display the contents of the EMPLOYEE_VU view.

employee_id	employee	department_id
100	king	90
100	king	90
101	kochhar	90
101	kochhar	90
102	de haan	90
102	de haan	90
103	hunold	60
103	hunold	60
104	ernest	60
104	ernest	60
107	lorentz	60
107	lorentz	60
206	gietz	110

18) Using your EMPLOYEE_VU view ,write a query for the department to display all employee names and department numbers.

SELECT employee,department_id FROM employees_vu

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

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

+ Options

employee	department_id
king	90
king	90
kochhar	90
kochhar	90
de haan	90
de haan	90
hunold	60
hunold	60
ernest	60
ernest	60
lorentz	60
lorentz	60
gietz	110
gietz	110

19) Department 50 needs access to its employee data. Create a view named DEPT50 that contains the employee numbers, employee last names, department numbers for all employees in department50. You have been asked to label the view columns EMPNO,EMPLOYEE and DEPT NO. For security purpose, do not allow an employee to be reassignrd to another department through the view.

CREATE VIEW DEPT50 AS SELECT employee_id AS EMPNO,employee_name AS employee, department_id AS DEPTNO FROM employees WHERE department_id=50);

20) Display the structure and contents of the DEPT50 view.

Your SQL query has been executed successfully.

```
DESC dept50
```

[Edit inline] [Edit] [Create PHP code]

+ Options

Field	Type	Null
EMPNO	int(2)	NO
employee	varchar(100)	NO
DEPTNO	int(10)	NO

EMPNO	employee	DEPTNO
141	rajas	50
141	rajas	50
142	davies	50
142	davies	50
143	matos	50
143	matos	50
144	vargas	50
144	vargas	50
145	mourgas	50
145	mourgas	50