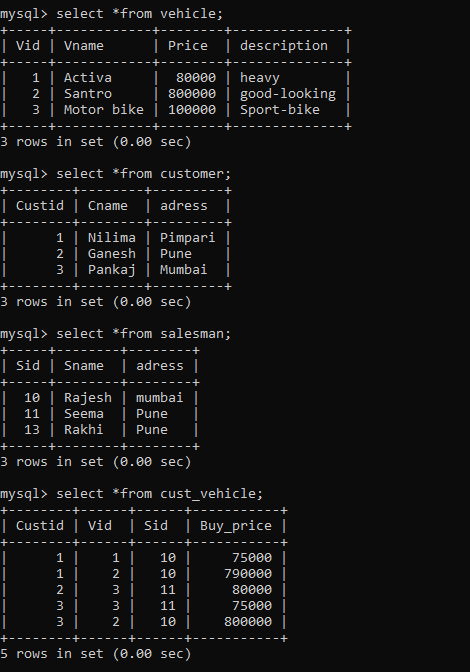
1. create all given tables

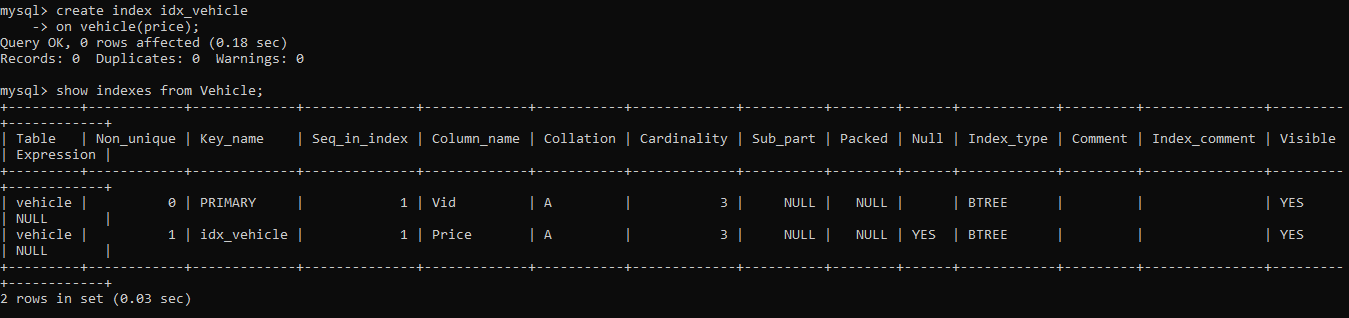
Answer::



1. create index on vehicle table based on price

Answer:: **create index idx\_vehicle on vehicle(price);**

**show indexes from Vehicle;**



1. find all customer name,vehicle name, salesman name, discount earn by all customer

Answer::  **select cname,vname,sname,(price-Buy\_price) Discount**

**from cust\_vehicle cv inner join customer c**

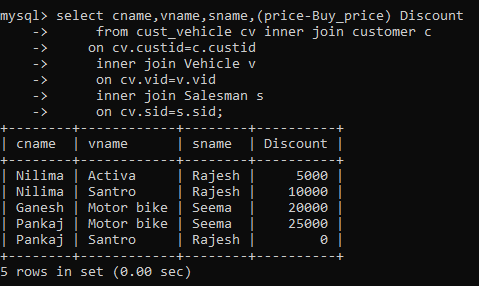
**on cv.custid=c.custid**

**inner join Vehicle v**

**on cv.vid=v.vid**

**inner join Salesman s**

**on cv.sid=s.sid;**



1. find all customer name,vehicle name,salesman name for all salesman who stays in pune

Answer:: **select cname,vname,sname,s.adress**

**from cust\_vehicle cv inner join customer c**

**on cv.custid = c.custid**

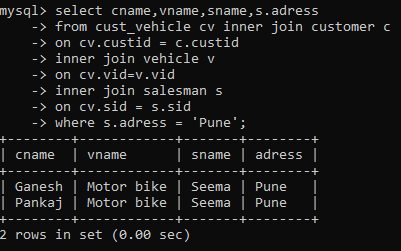
**inner join vehicle v**

**on cv.vid=v.vid**

**inner join salesman s**

**on cv.sid = s.sid**

**where s.adress = 'Pune';**



1. find how many customers bought motor bike

Answer:: **select count(\*) from cust\_vehicle cv**

**inner join customer c**

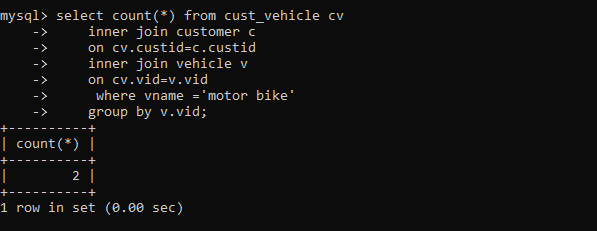
**on cv.custid=c.custid**

**inner join vehicle v**

**on cv.vid=v.vid**

**where vname ='motor bike'**

**group by v.vid;**



1. . create a view find\_discount which displays output

Answer:: **create view find\_discount**

**as**

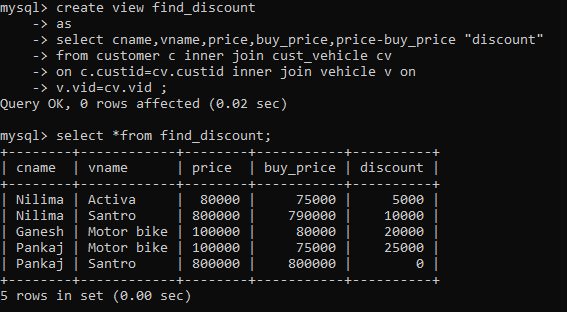
**select cname,vname,price,buy\_price,price-buy\_price “discount”**

**from customer c inner join cust\_vehicle cv on c.custid=cv.cid inner join vehicle v on**

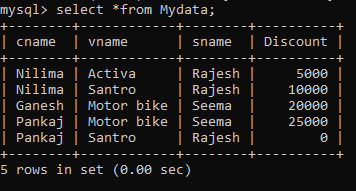
**v.vid=cv.vid**

**--------to display discount**

**select \* from find\_discount**



1. find all customer name, vehicle name, salesman name, discount earn by all customer



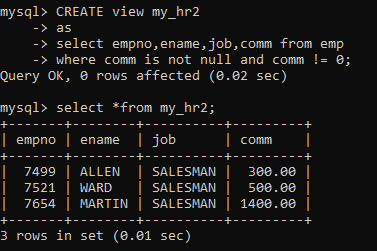
1. create view my\_hr to display empno,ename,job,comm for all employees who earn commission

Answer :: CREATE view my\_hr2

as

select empno,ename,job,comm from emp

where comm is not null and comm != 0;



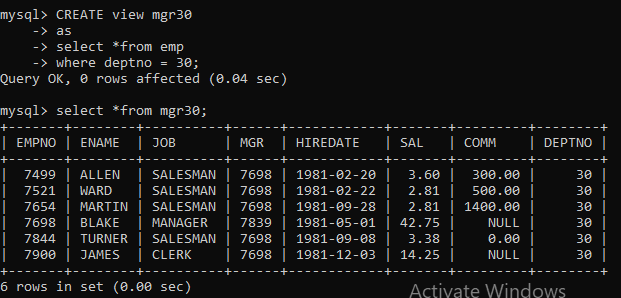
1. create view mgr30 to display all employees from department 30

Answer:: CREATE view mgr30

as

select \*from emp

where deptno = 30;



1. insert 3 employees in view mgr30 check whether insertion is possible

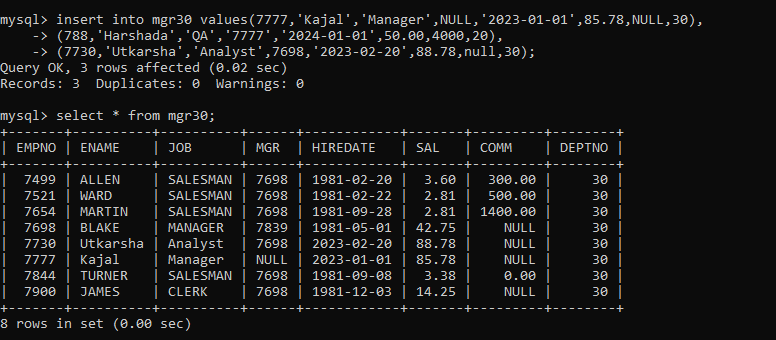
Answer:: insert into mgr30 values(7777,'Kajal','Manager',NULL,'2023-01-

01',85.78,NULL,30),

(788,'Harshada','QA','7777','2024-01-01',50.00,4000,20),

(7730,'Utkarsha','Analyst',7698,'2023-02-20',88.78,null,30);

select \* from mgr30;



1. insert 3 records in dept and display all records from dept
2. use rollback command check what happens

13. do the following

insert row in emp with empno 100

insert row in emp with empno 101

insert row in emp with empno 102

add savepoint A

insert row in emp with empno 103

insert row in emp with empno 104

insert row in emp with empno 105

add savepoint B

delete emp with empno 100

delete emp with emp no 104

rollback upto svaepoint B

check what all records will appear in employee table

rollback upto A

check what all records will appear in employee table

commit all changes

check what all records will appear in employee table

check whether you can roll back the contents.

14. create a procedure getMin(deptno,minsal) to find minimum salary of given table.