Views Indexes Assignment

Roll No.: 243514

Name: Dhruva Rakesh B

Date: 29-03-2024

Vehicle

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Vid |  | Vname | Price | desc |
|  |
| 1 | |  | Activa | 80000 | ksldjfjksj |
| 2 | |  | Santro | 8,00000 | kdjfkjsd |
| 3 | |  | Motor bike | 100000 | fdkdfj |

customer

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Custid |  | Cname | address |
| 1 | |  | Nilima | Pimpari |
| 2 | |  | Ganesh | Pune |
| 3 | |  | Pankaj | Mumbai |

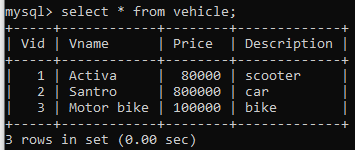
salesman

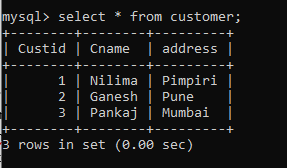
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Sid |  | Sname | adress |
| 10 | |  | Rajesh | mumbai |
| 11 | |  | Seema | Pune |
| 13 | |  | Rakhi | pune |

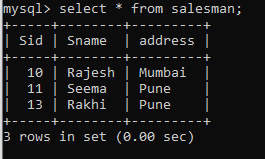
cust-vehicle (customer is buying Many vehicle and 1 vehicle can be bought by many customers)

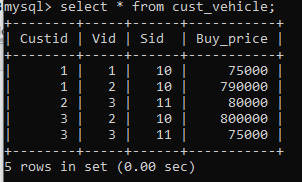
|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Custid |  |  | Vid |  | Sid | Buy\_price |
| 1 | |  | 1 | |  | 10 | 75000 |
| 1 | |  | 2 | |  | 10 | 7,90,000 |
| 2 | |  | 3 | |  | 11 | 80000 |
| 3 | |  | 3 | |  | 11 | 75000 |
| 3 | |  | 2 | |  | 10 | 8,00000 |

1. create all given tables

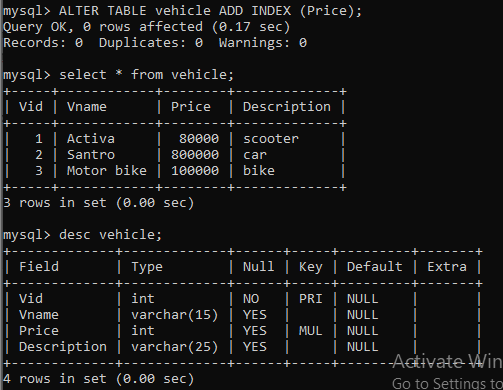




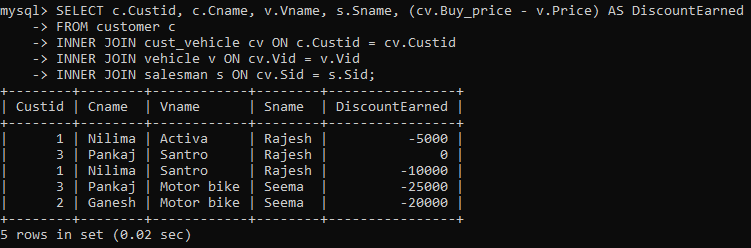




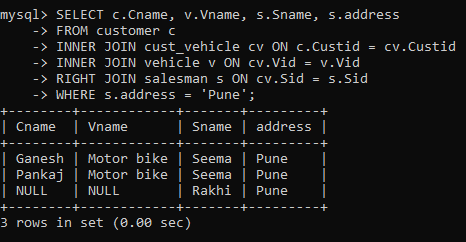
1. create index on vehicle table based on price



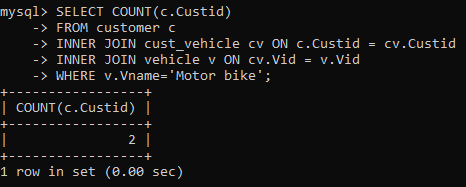
1. find all customer name,vehicle name, salesman name, discount earn by all customer



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



1. find how many customers bought motor bike



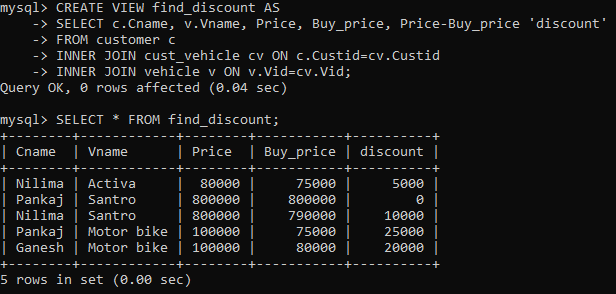
1. create a view find\_discount which displays output -------to create view

create view find\_discount

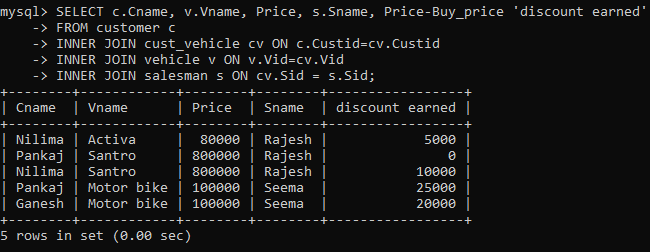
as

select cname,vname,price,buying\_price,price-buying\_price “discount” from customer c inner join cust\_vehicle cv on c.custid=cv.cid inner join vehicle v on v.vid=cv.vid

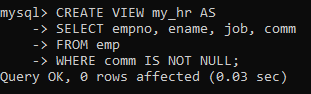
--------to display discount select \* from find\_discount;

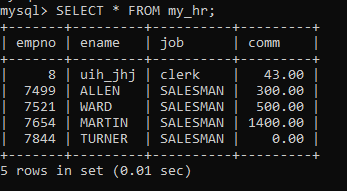


1. find all customer name, vehicle name, salesman name, discount earn by all customer

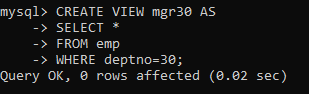


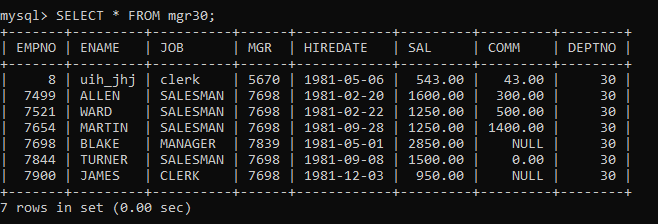
1. create view my\_hr to display empno,ename,job,comm for all employees who earn commission





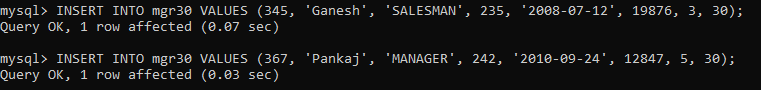
1. create view mgr30 to display all employees from department 30

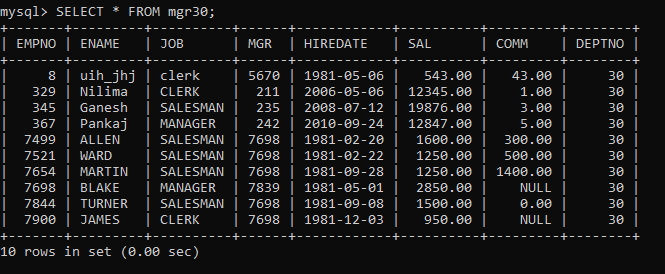




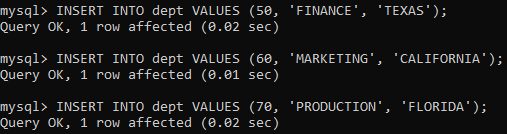
1. insert 3 employees in view mgr30 check whether insertion is possible

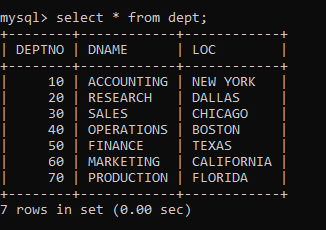




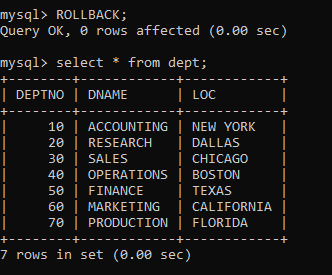


1. insert 3 records in dept and display all records from dept

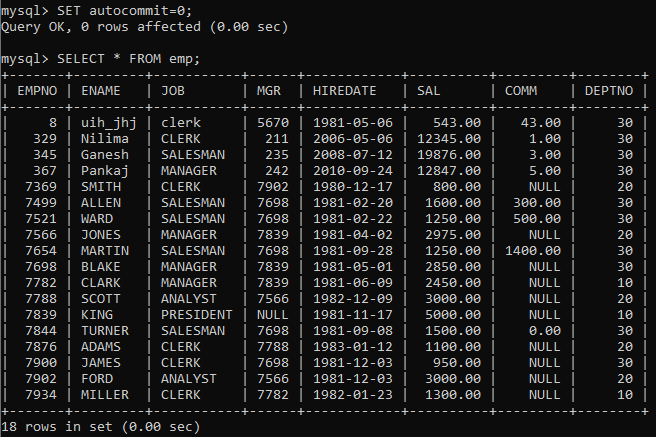




1. use rollback command check what happens



1. 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



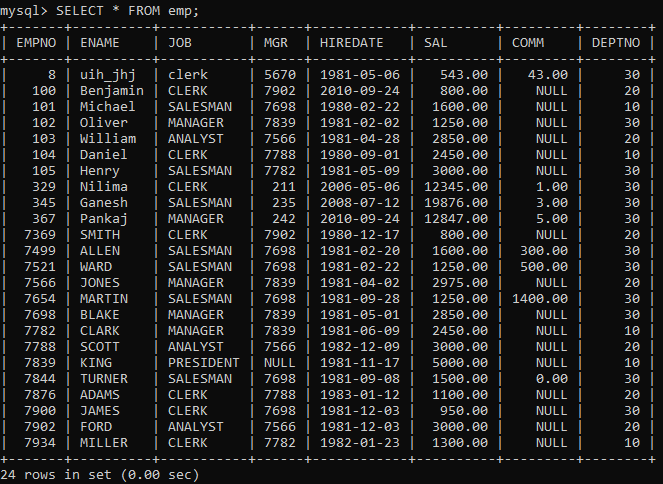
delete emp with emp no 104



rollback upto svaepoint B



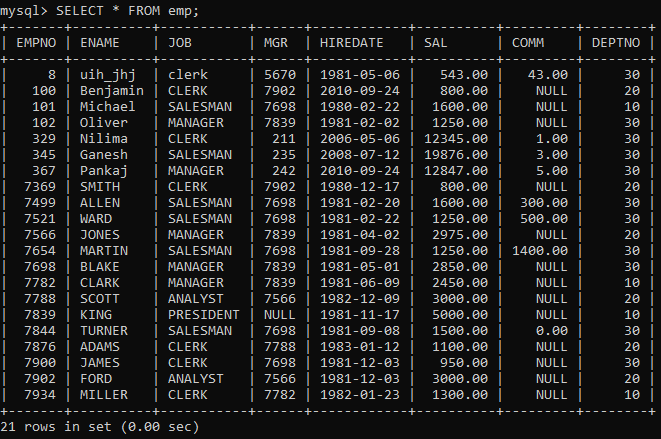
check what all records will appear in employee table



rollback upto A



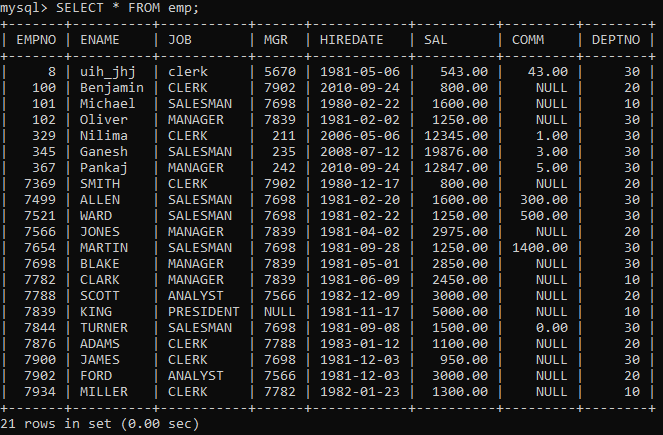
check what all records will appear in employee table



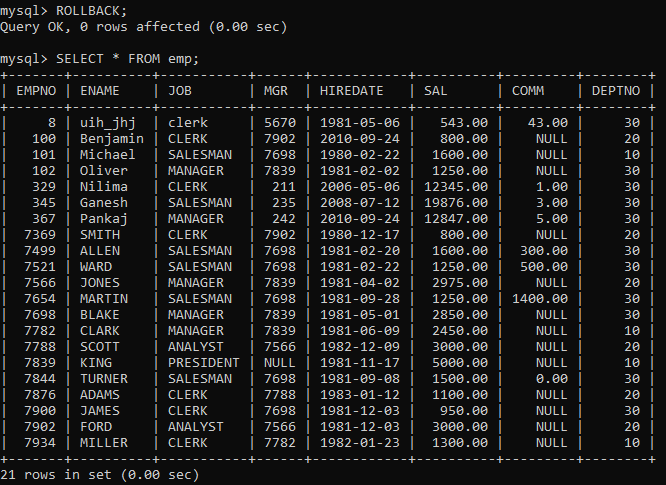
commit all changes



check what all records will appear in employee table



check whether you can roll back the contents.



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

