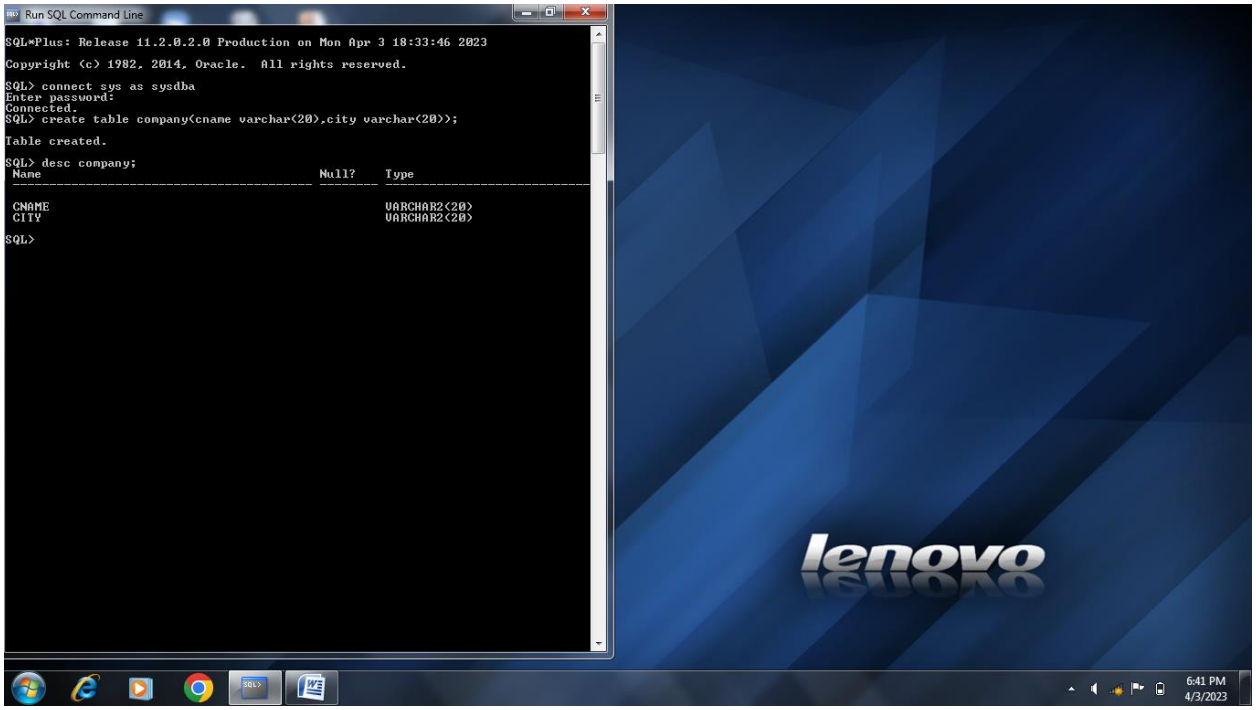
DATA BASE MANAGEMENT SYSTEMS LABORATORY

8.AIM OF THE EXPERIMENT : Prepare Queries using SQL

DESCRIPTION: SQL means Structured Query Language Using SQL after creating data base of tables ask queries to data base.

DESCRIPTION:

Create table company(cname varchar(20),city varchar(20));



insert into company values('acc','madras');

insert into company values('tata','delhi');

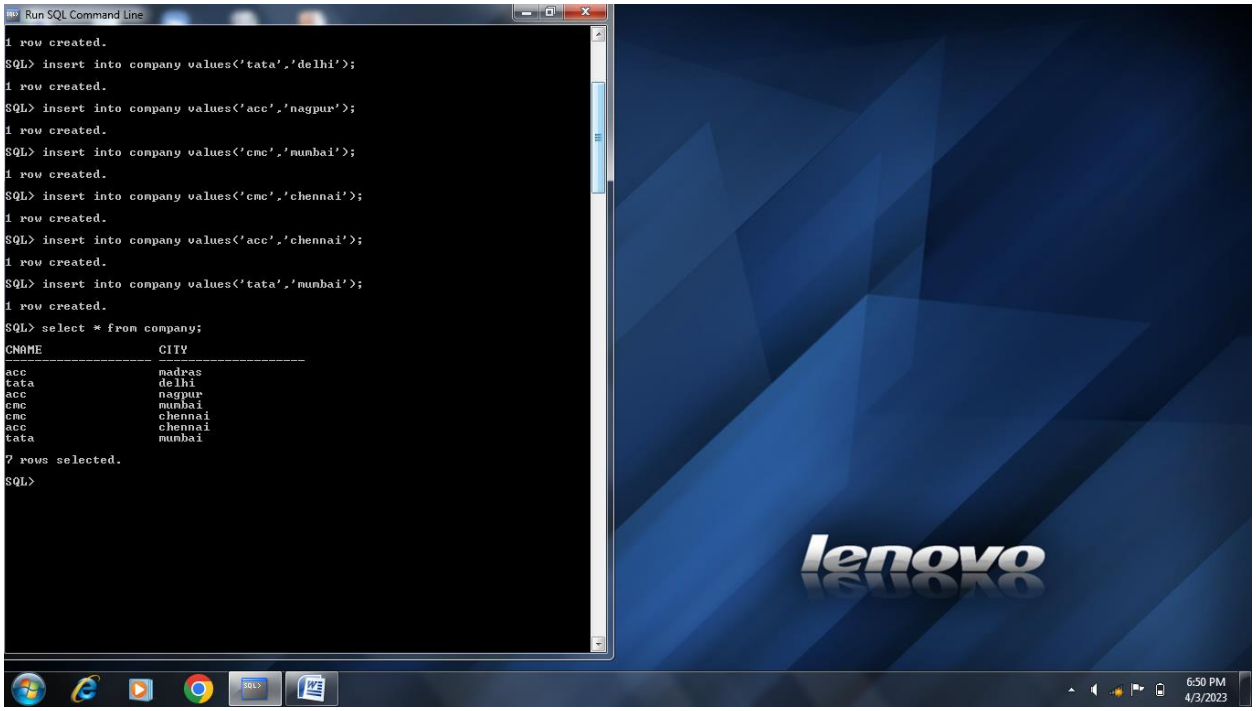
insert into company values('acc','nagpur');

insert into company values('cmc','mumbai');

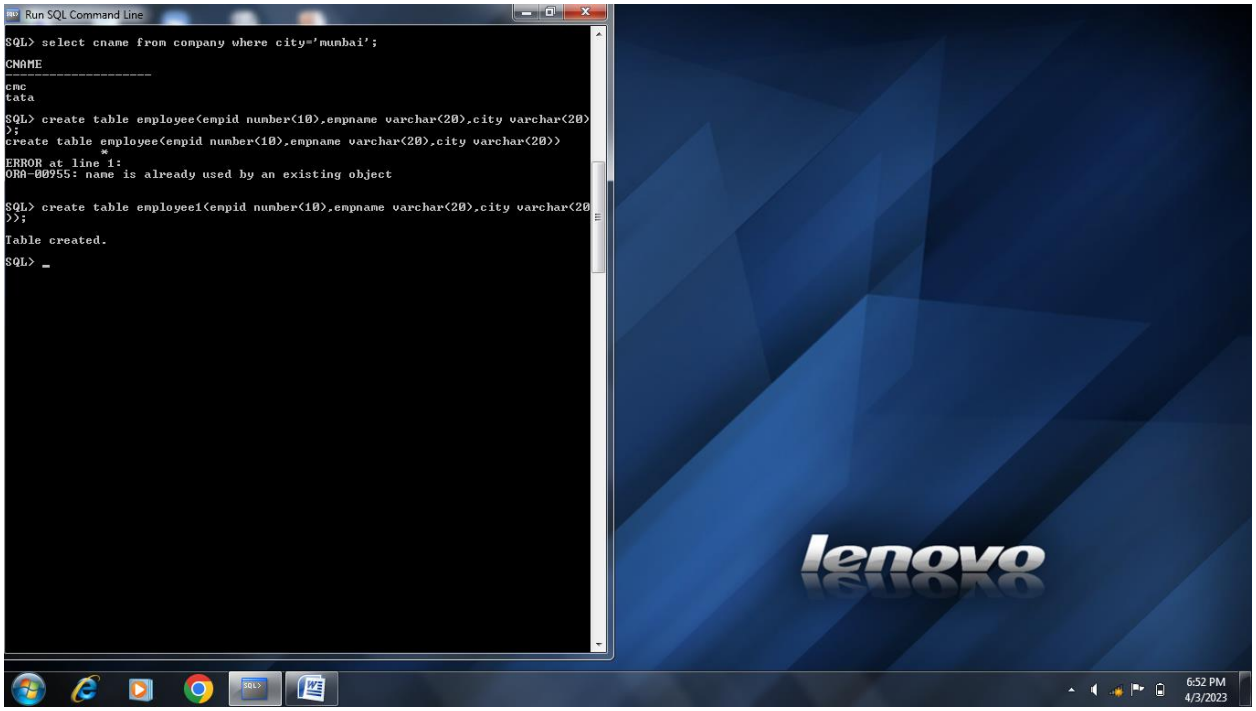
insert into company values('cmc','chennai');

insert into company values('acc','chennai');

insert into company values('tata','mumbai');



create table employee(empid number(10),empname varchar(20),city varchar(20));



insert into employee1 values(1,'anil','nagpur');

insert into employee1 values(2,'shankar','mumbai');

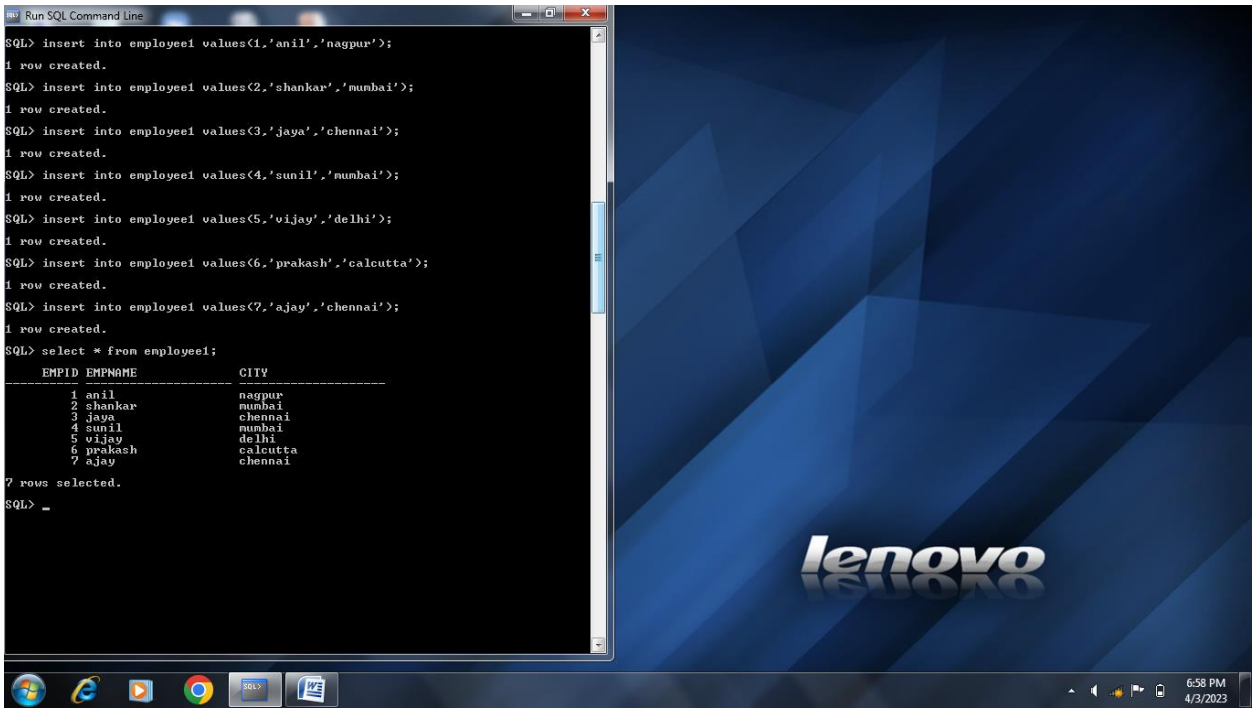
insert into employee1 values(3,'jaya','chennai');

insert into employee1 values(4,'sunil','mumbai');

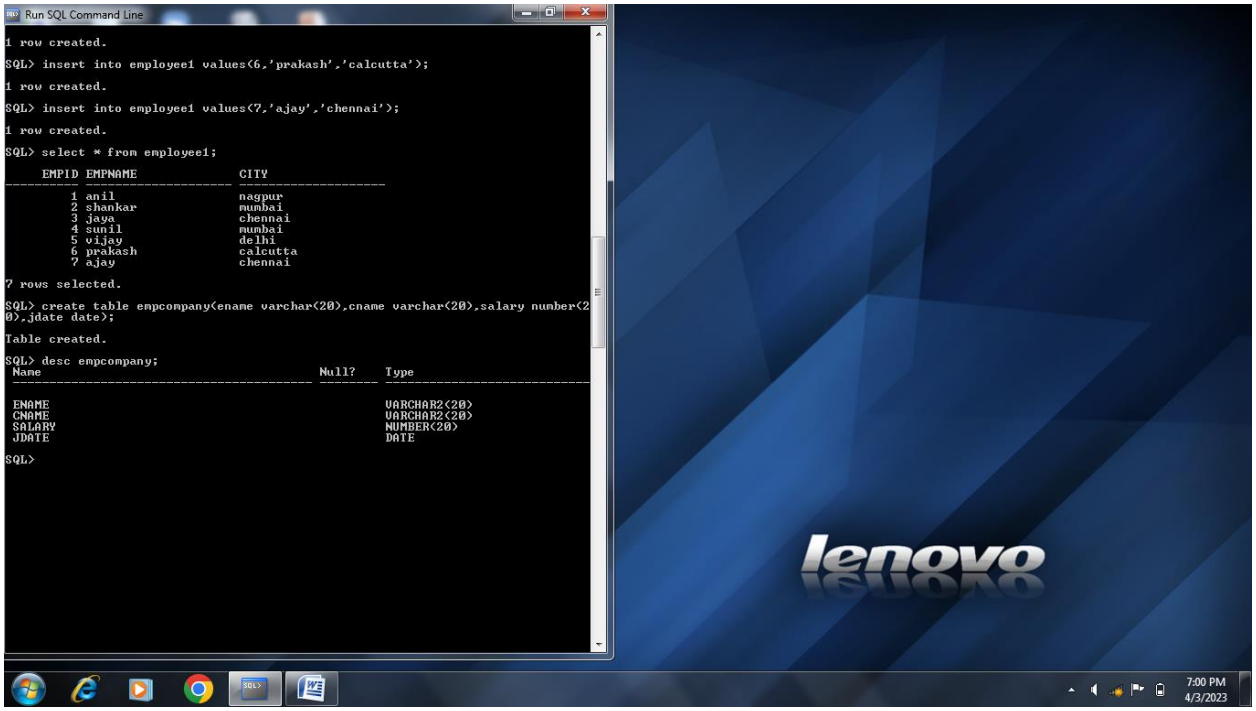
insert into employee1 values(5,'vijay','delhi');

insert into employee1 values(6,'prakash','calcutta');

insert into employee1 values(7,'ajay','chennai');



create table empcompany(ename varchar(20),cname varchar(20),salary number(20),jdate date);



insert into empcompany values('anil,'acc',1500,'1 may 2023');

insert into empcompany values('shankar,'tata',2000,'10 july 2023');

insert into empcompany values('jaya,'cmc',1800,'7 jun 2023');

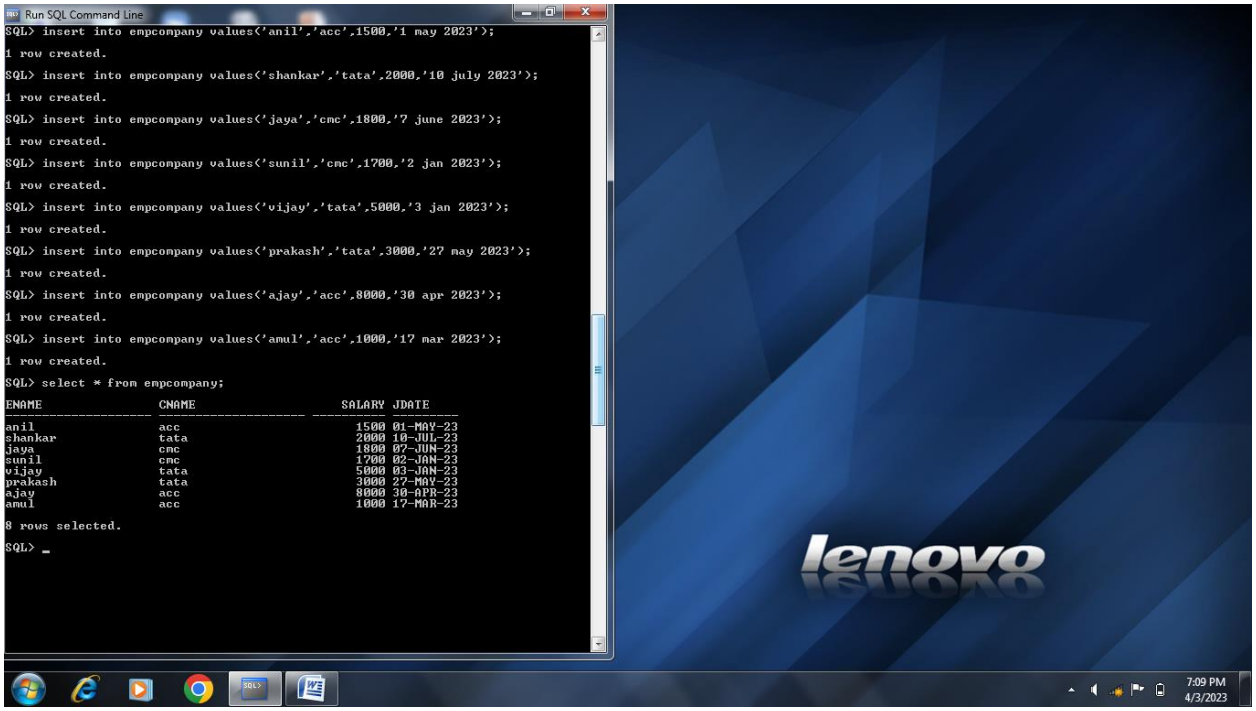
insert into empcompany values('sunil,'cmc',1700,'2 jan 2023');

insert into empcompany values('vijay','tata',5000,'3 jan 2023');

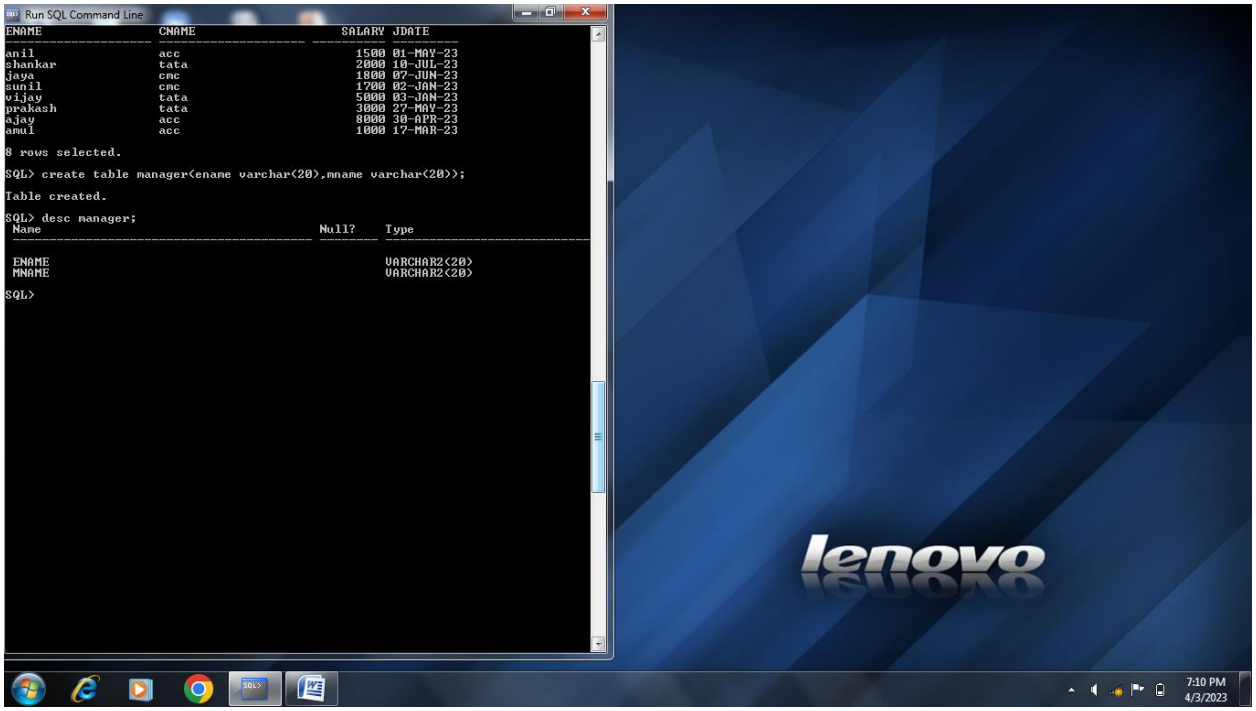
insert into empcompany values('prakash,'tata',3000,'27 may 2023');

insert into empcompany values('ajay,'acc',8000,'30 apr 2023');

insert into empcompany values('amul,'acc',1000,'17 mar 2023');



create table manager(ename varchar(20),mname varchar(20));



insert into manager values('anil','ajay');

insert into manager values('shankar','ajay');

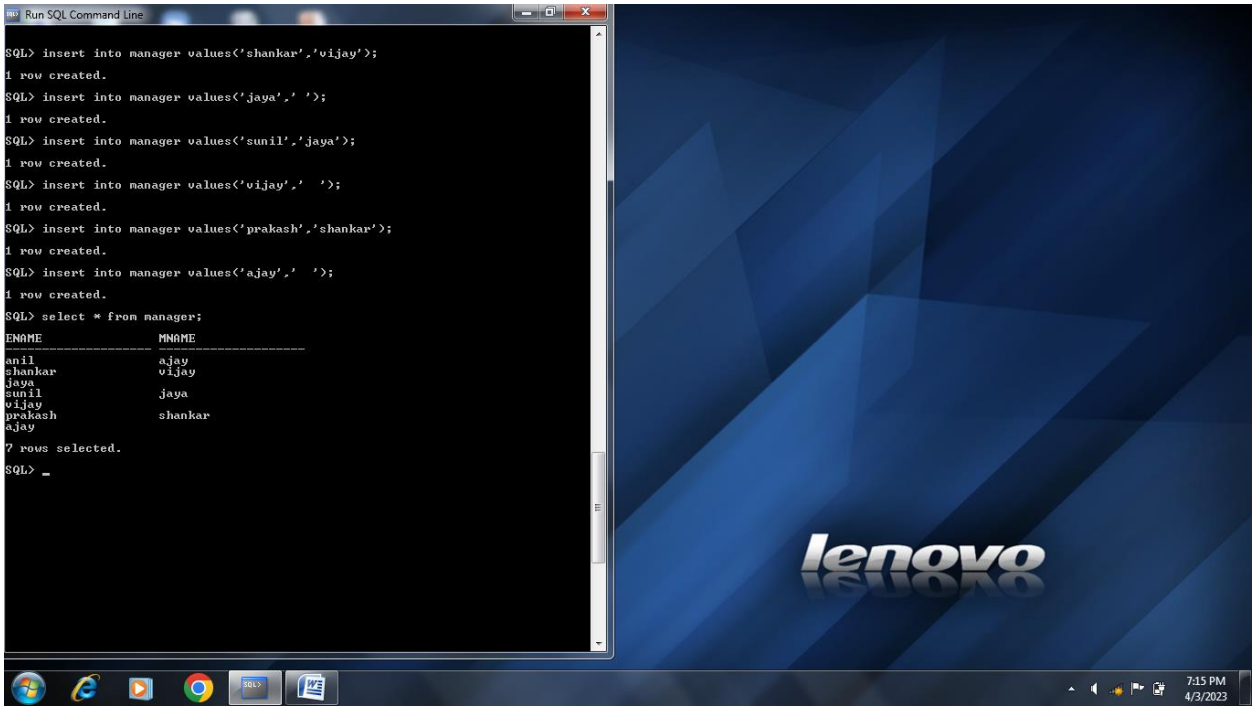
insert into manager values('jaya',' ');

insert into manager values('sunil','jaya');

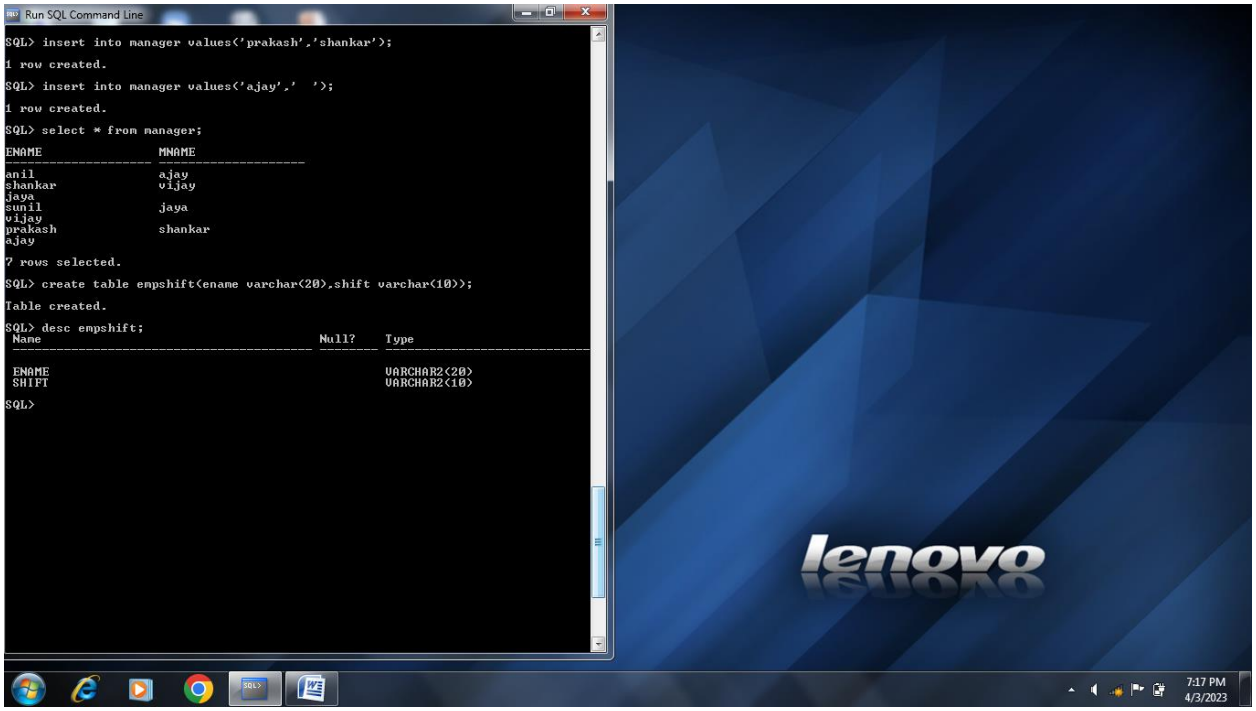
insert into manager values('vijay',' ');

insert into manager values('prakash','shankar');

insert into manager values('ajay',' ');



create table empshift(ename varchar(20),shift varchar(10));

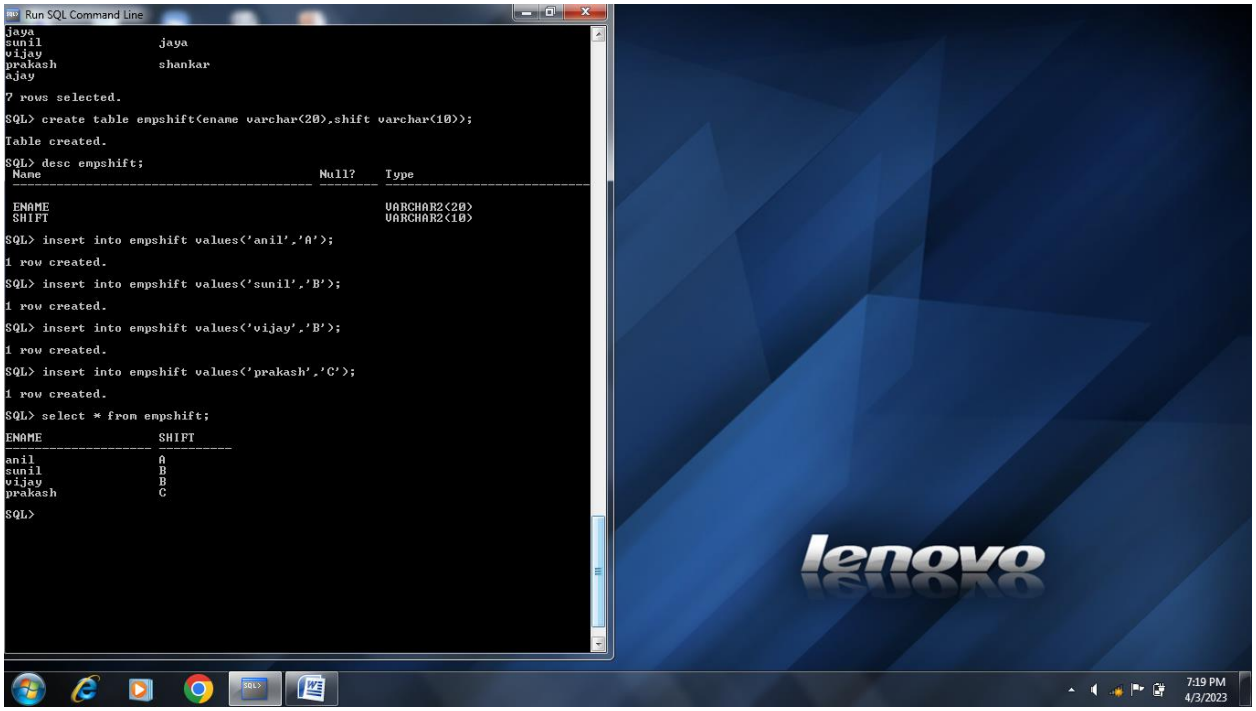


insert into empshift values('anil','A');

insert into empshift values('sunil','B');

insert into empshift values('vijay','B');

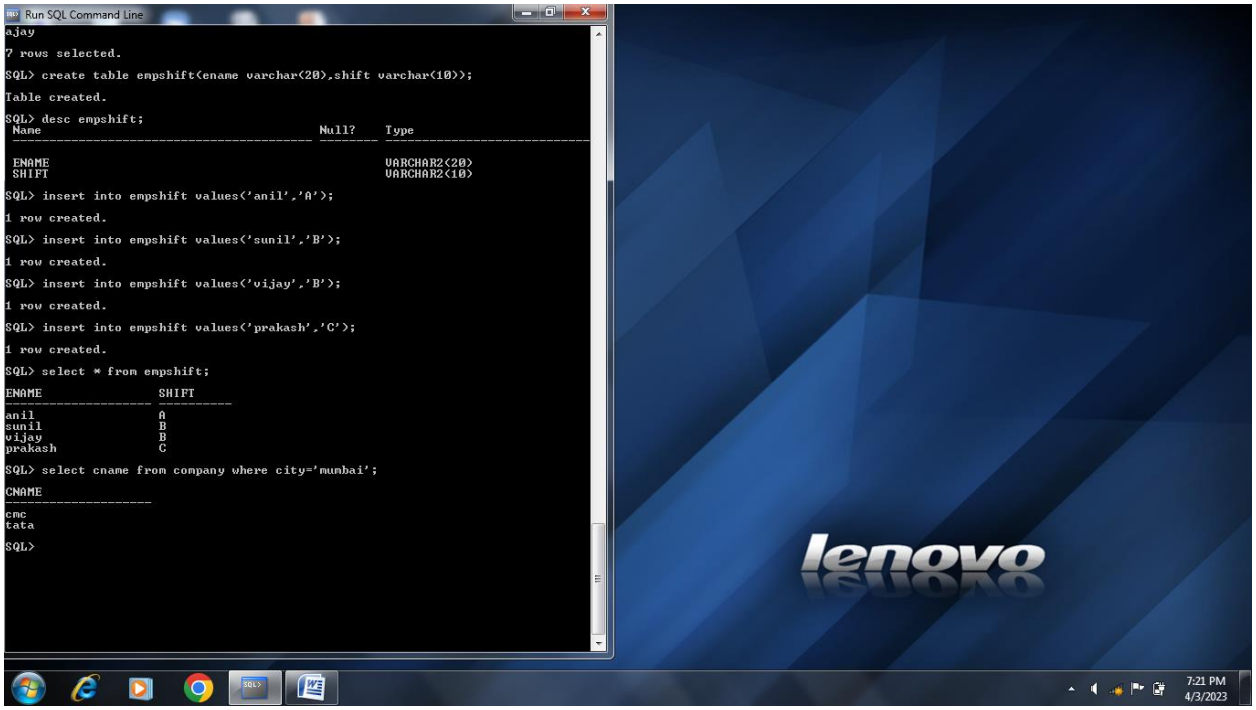
insert into empshift values('prakash','C');



Now Queries should be written

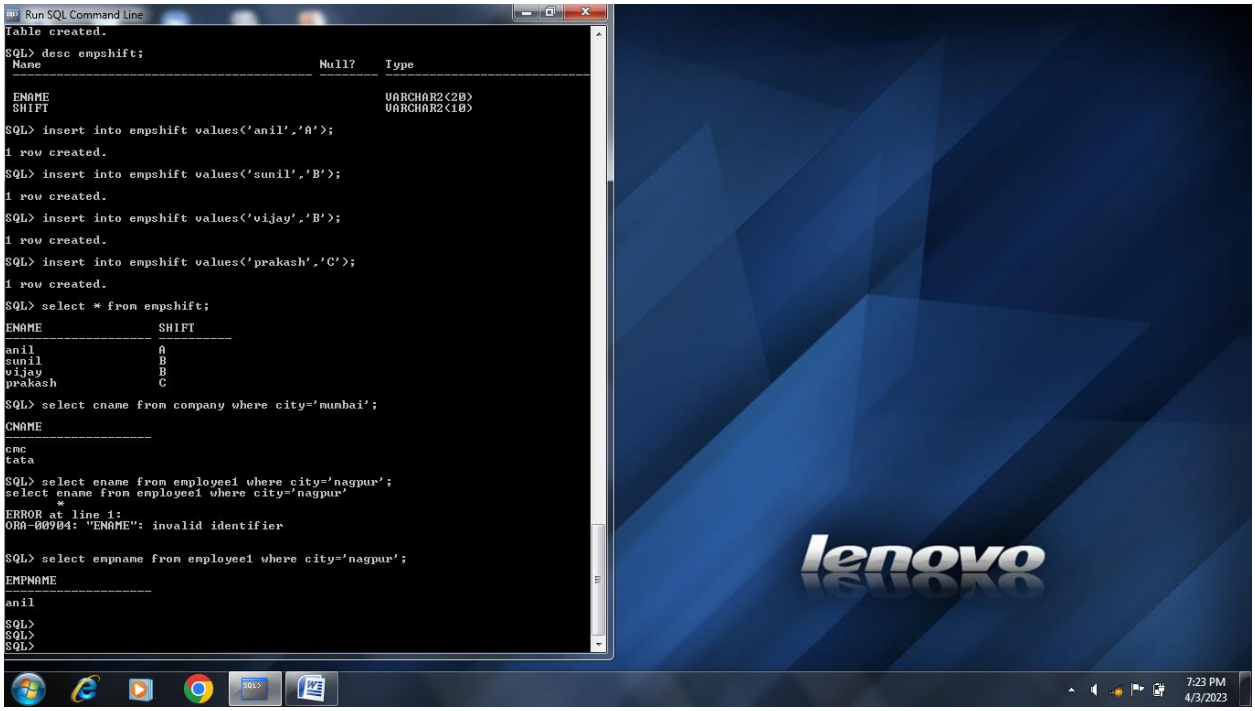
1. Display names of companies located in mumbai.

select cname from company where city='mumbai';



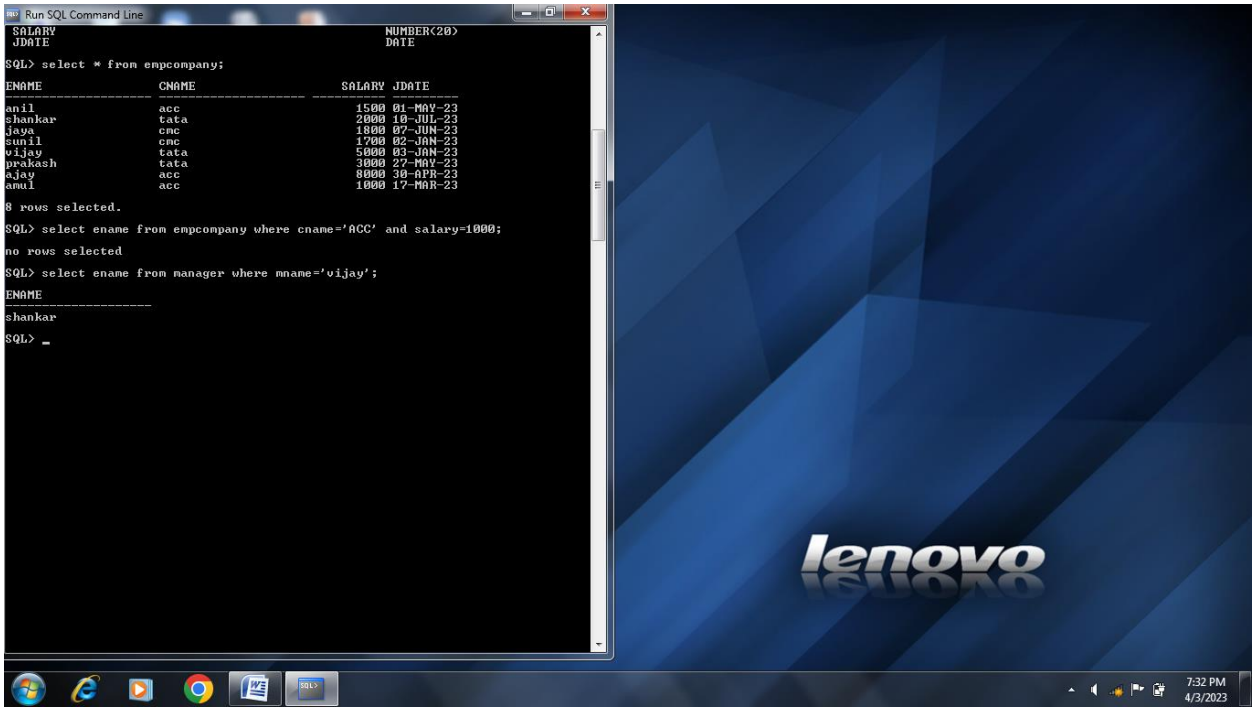
2.Display names of employees leaving in city nagpur.

select empname from employee1 where city='nagpur';



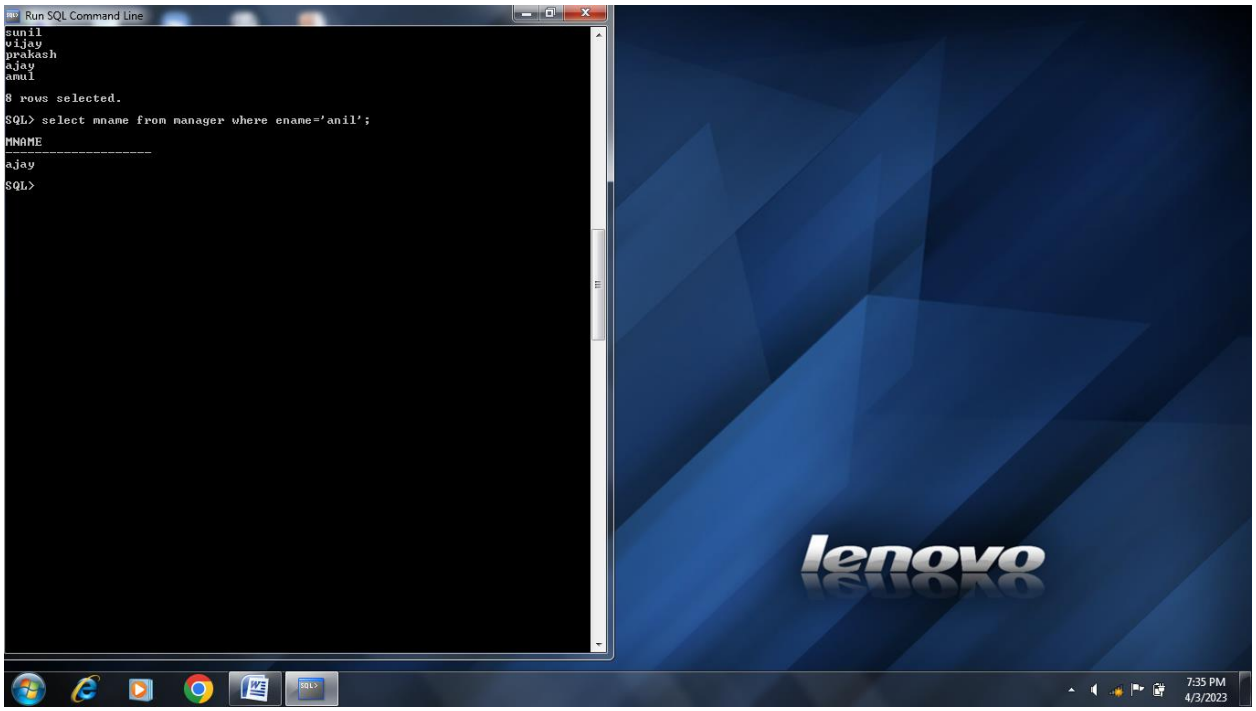
3. Give names of employee having manager vijay.

select ename from manager where mname='vijay';



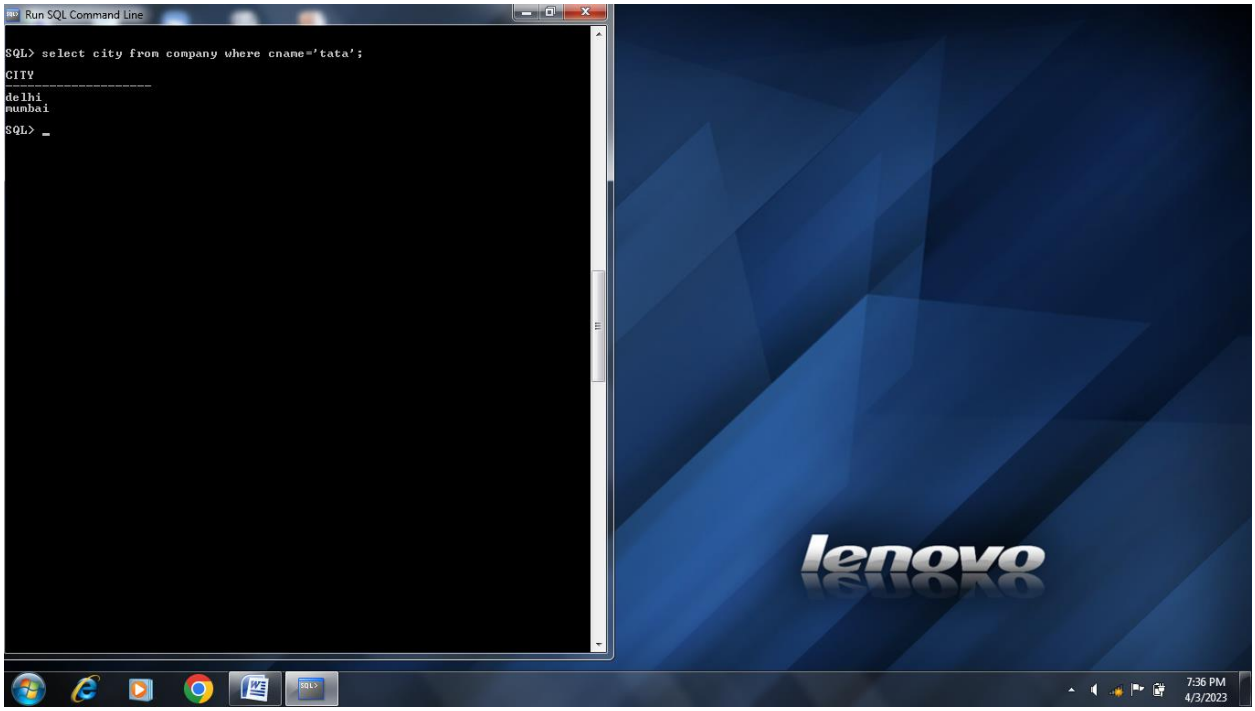
4. Give Manager of employee Anil.

select mname from manager where ename='Anil';



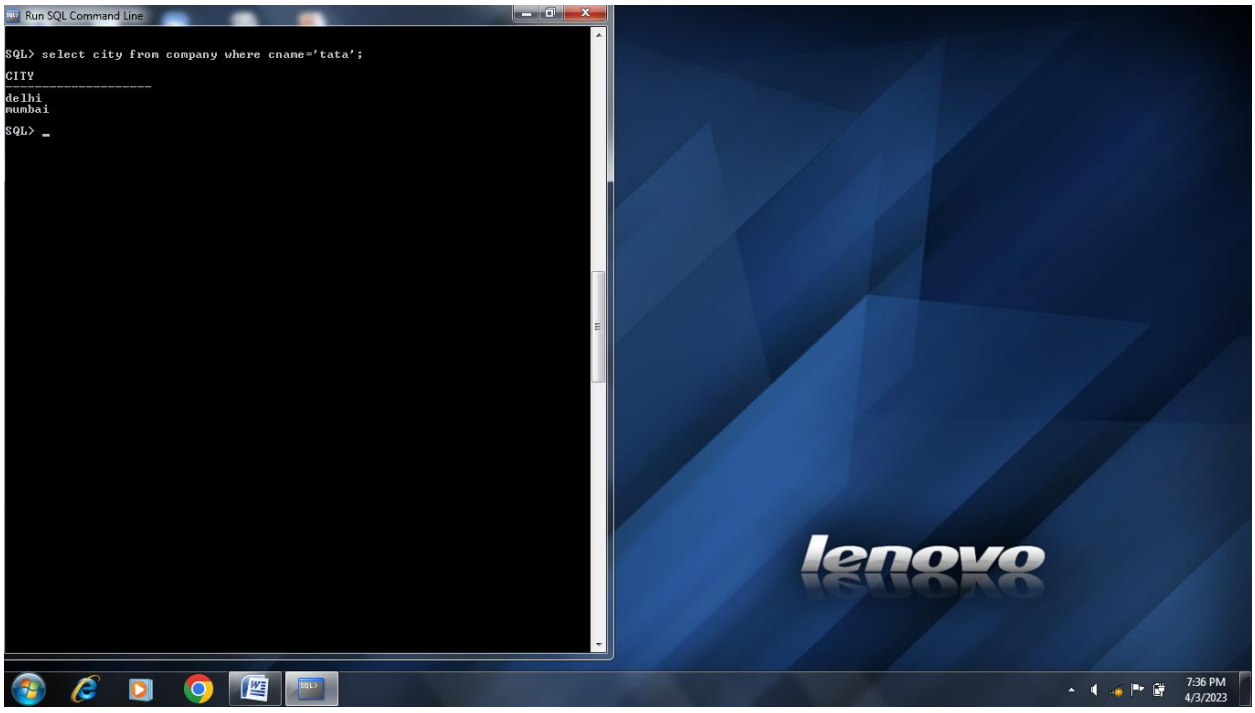
5. Give cities in which tata is located

select city from company where cname='tata';



6.Give names of employees having salary greater than 2000 and less than 6000

select ename from empcompany where salary>2000 and salary<6000;



RESULT : Hence Preparation of SQL Queries for above database has been successfully completed.