create table employee (empno number(9), name varchar(15),job varchar(20),sal number(10),commission number(10),department varchar(10), primary Key(empno));

Table created.

Insert into employee values(1,'Ram','manager',20000,2000,'IT');

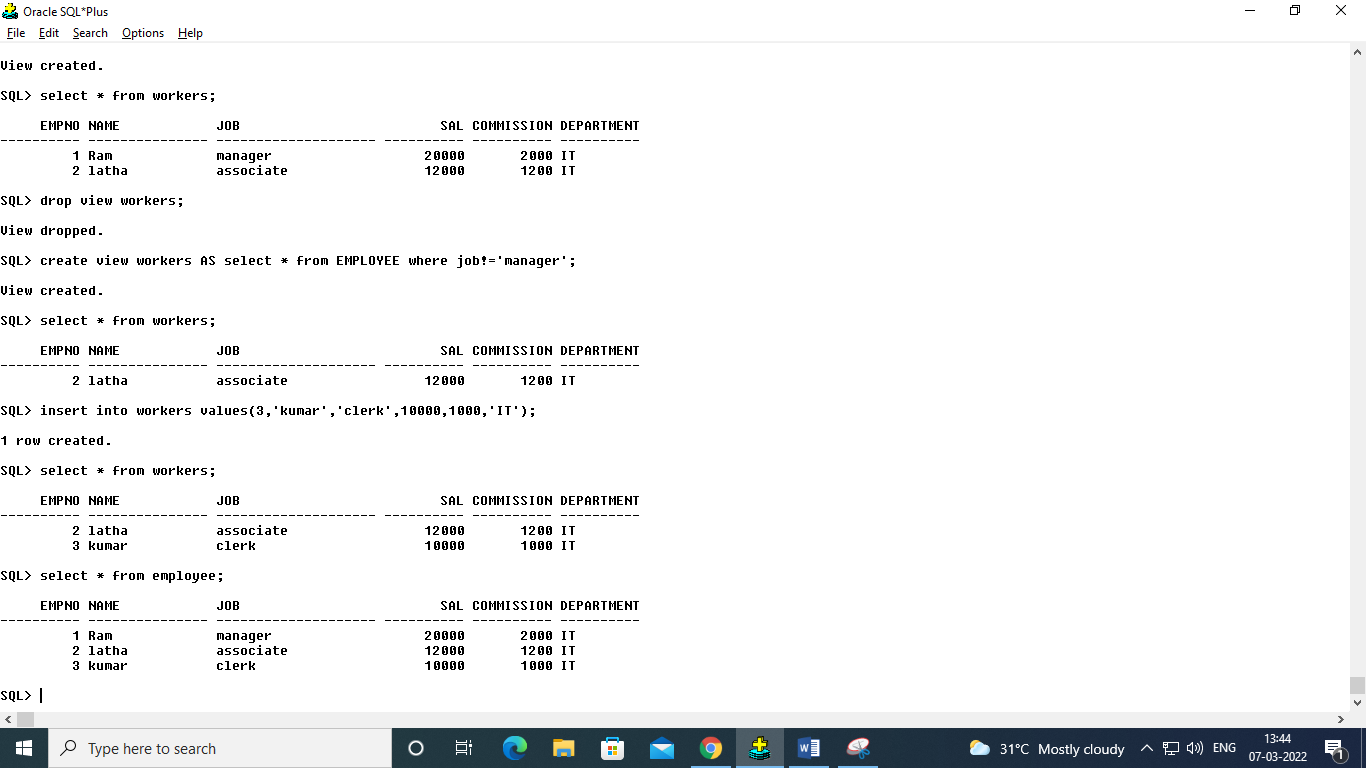
alter table employee add constraint ckh\_sal CHECK(sal>=0 and sal>commission);

select constraint\_name from user\_constraints where table\_name='EMPLOYEE';

2.

To create an view with excepting job=manager:

create view workers AS select \* from EMPLOYEE where job!='manager';



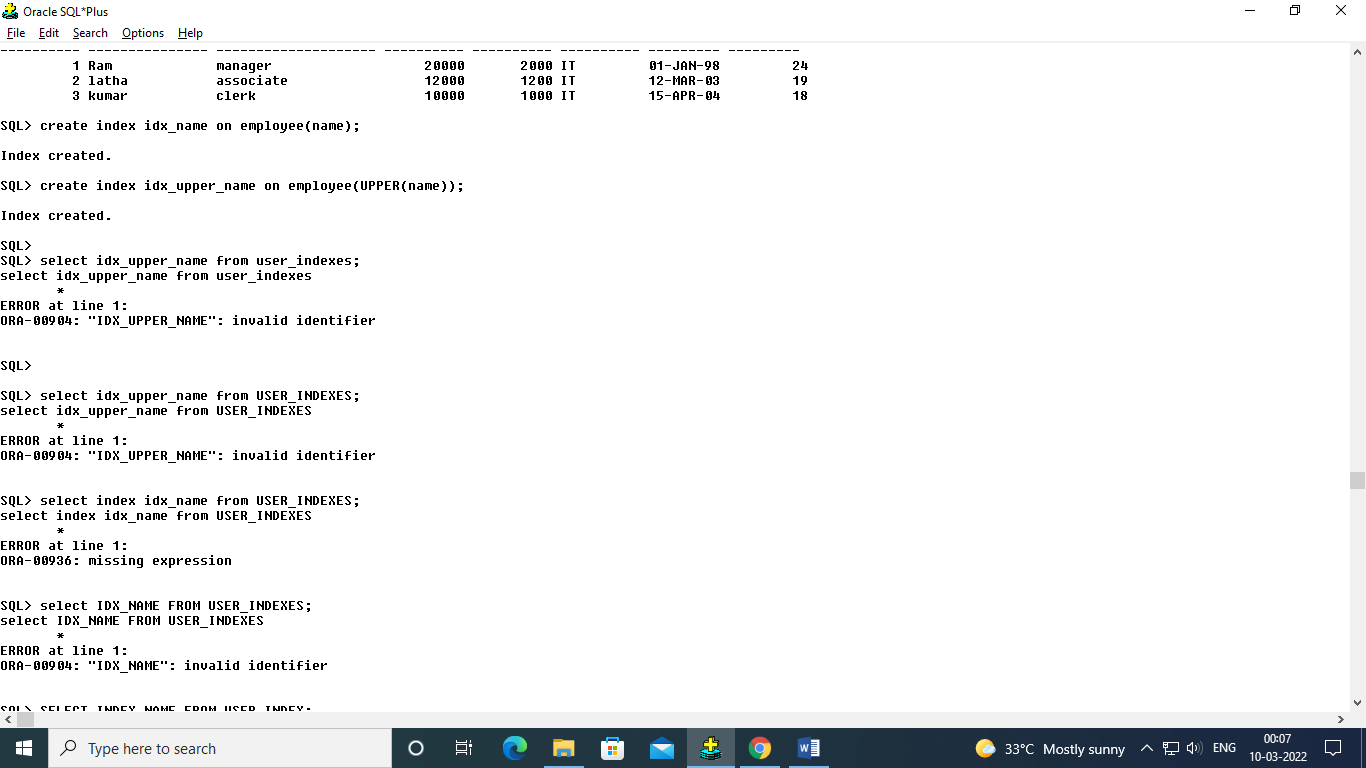
alter table employee add age number(5);

code to be add here:

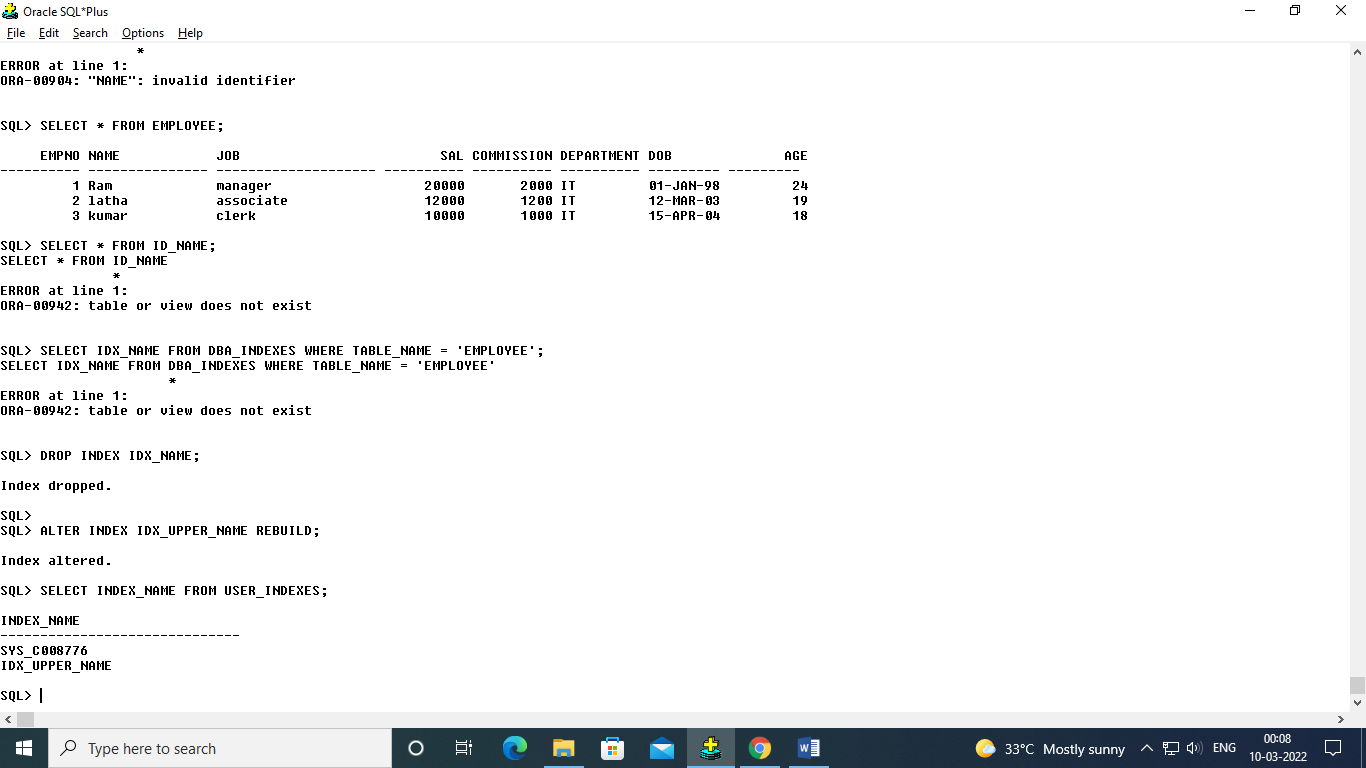
INDEX:

1.create index idx\_name on employee(name);

2.create index idx\_upper\_name on employee(UPPER(name));

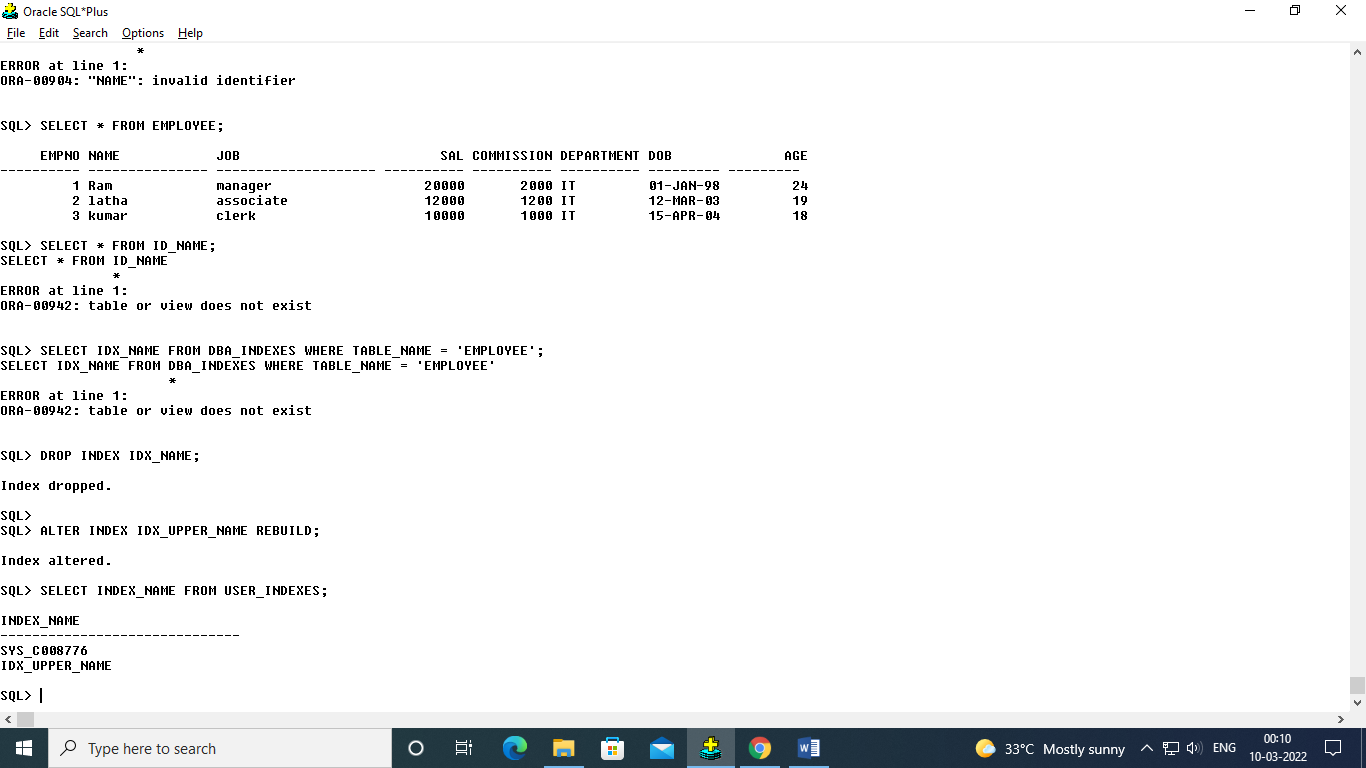


3.SELECT INDEX\_NAME FROM USER\_INDEXES;



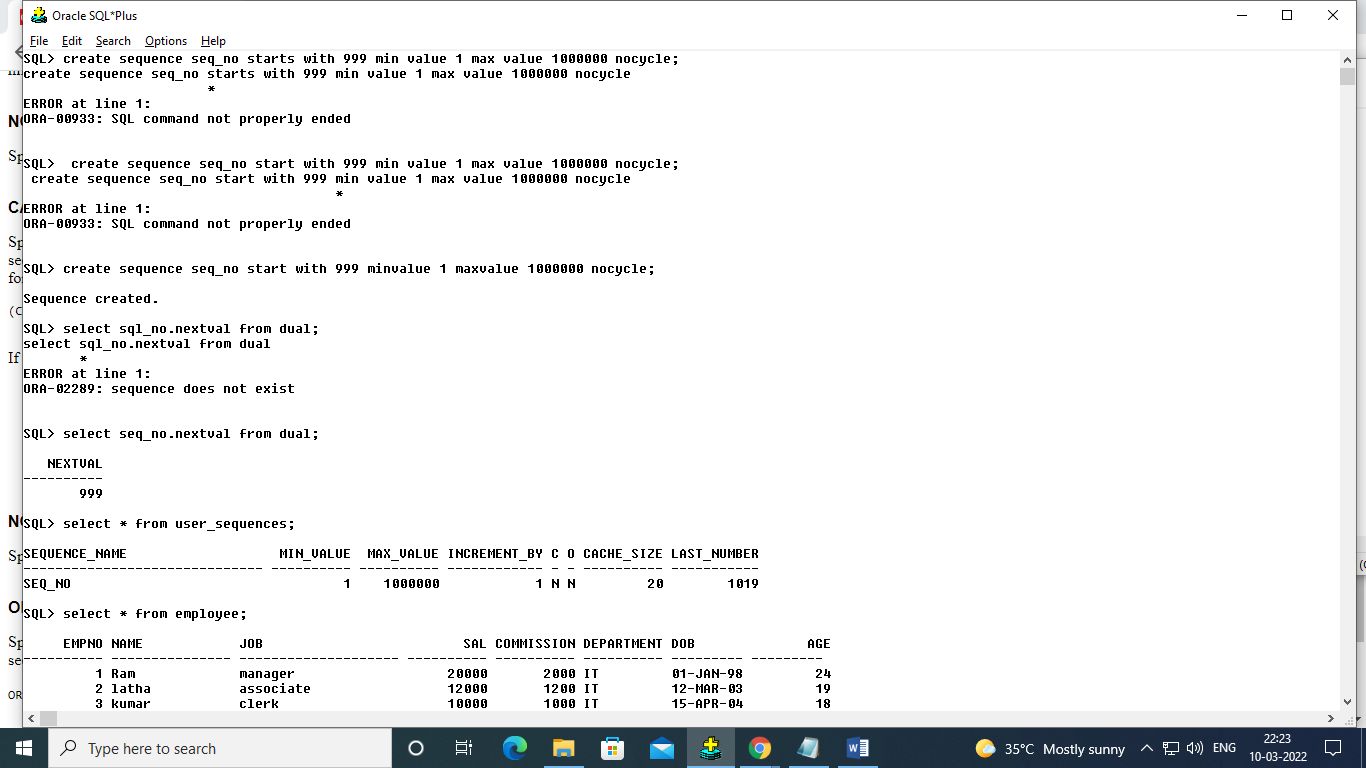
4. DROP INDEX IDX\_NAME;

5. ALTER INDEX IDX\_UPPER\_NAME REBUILD;



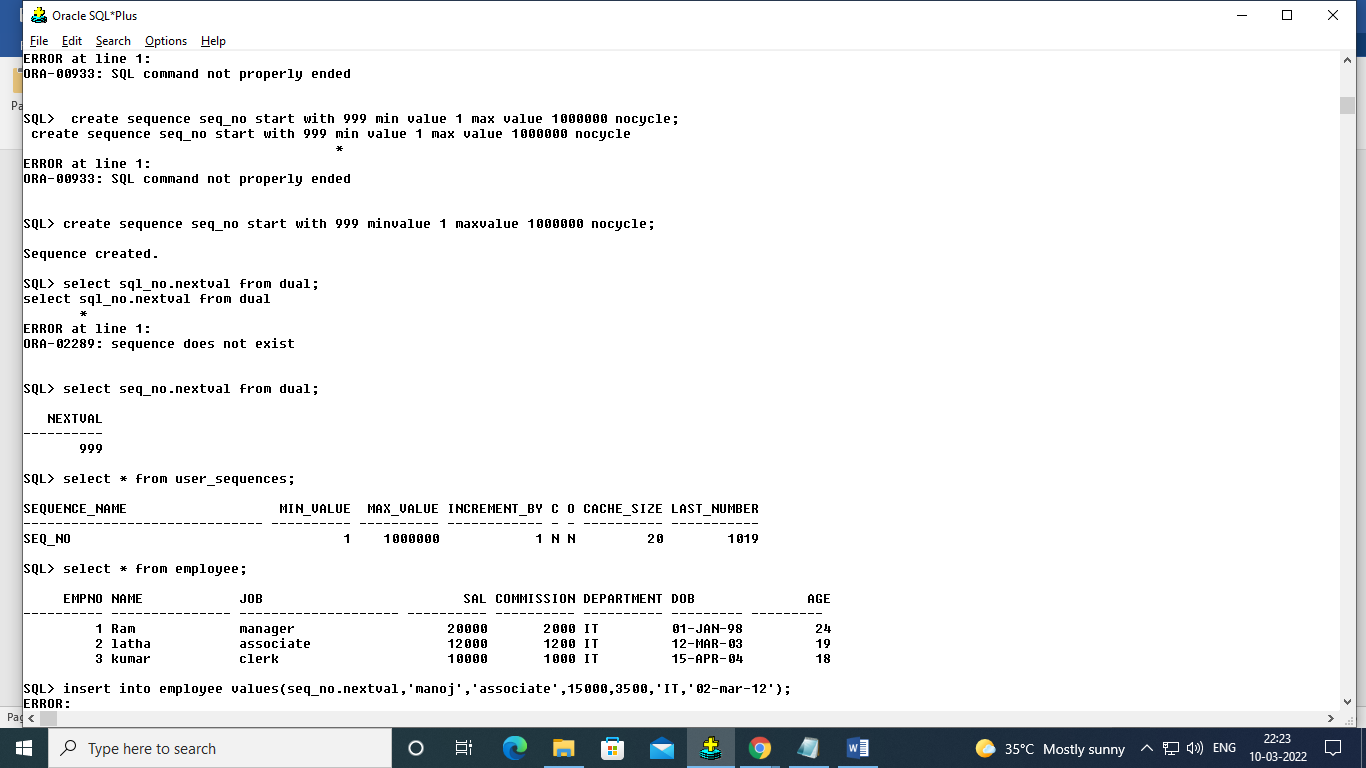
Sequences:

create sequence seq\_no start with 999 minvalue 1 maxvalue 1000000 nocycle;

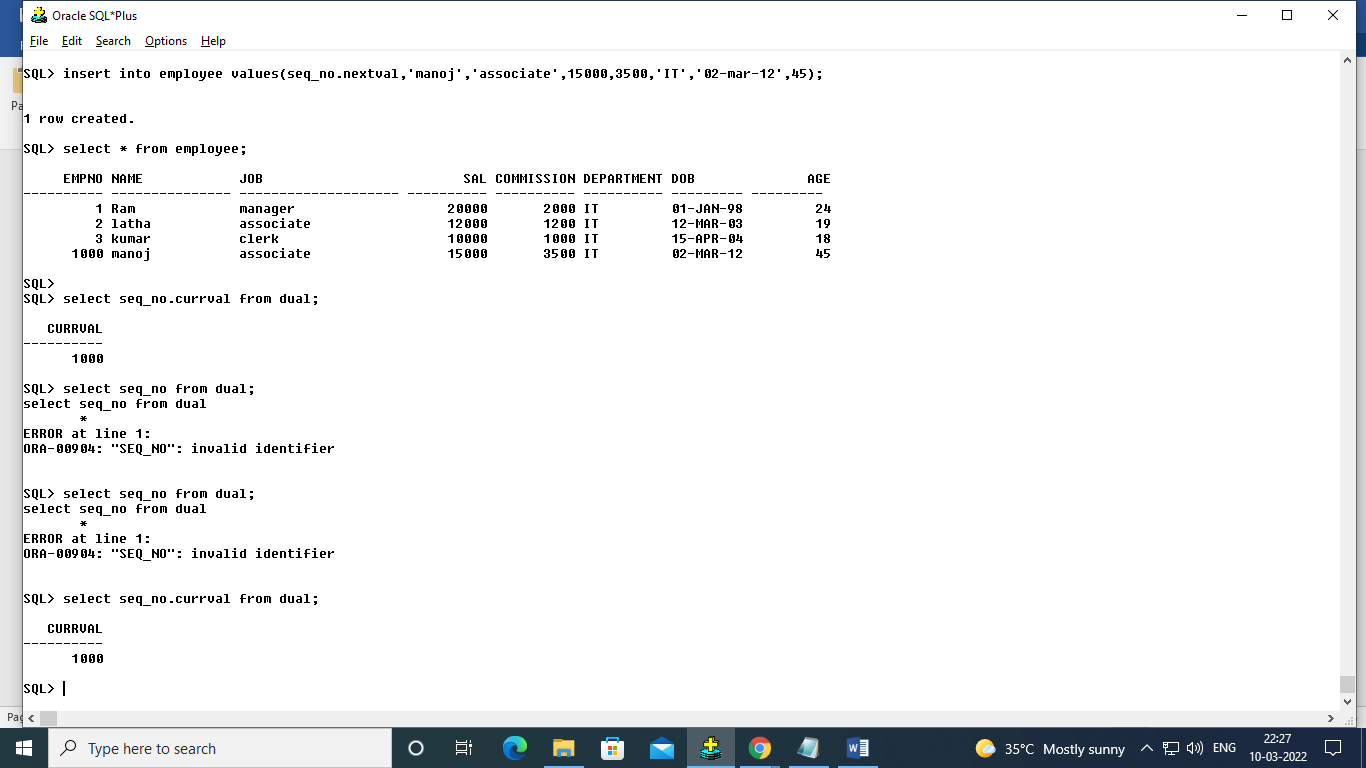


select seq\_no.nextval from dual;

select \* from user\_sequences;



insert into employee values(seq\_no.nextval,'manoj','associate',15000,3500,'IT','02-mar-12',45);



create user test35 identified by tom13;

grant create session to test35;

GRANT RESOURCE TO TEST35;

login with credentials in aother window:

select \* from user\_users;

grant create view to test35;

in test35:

create view testview as select \* from cat35.EMPLOYEE;

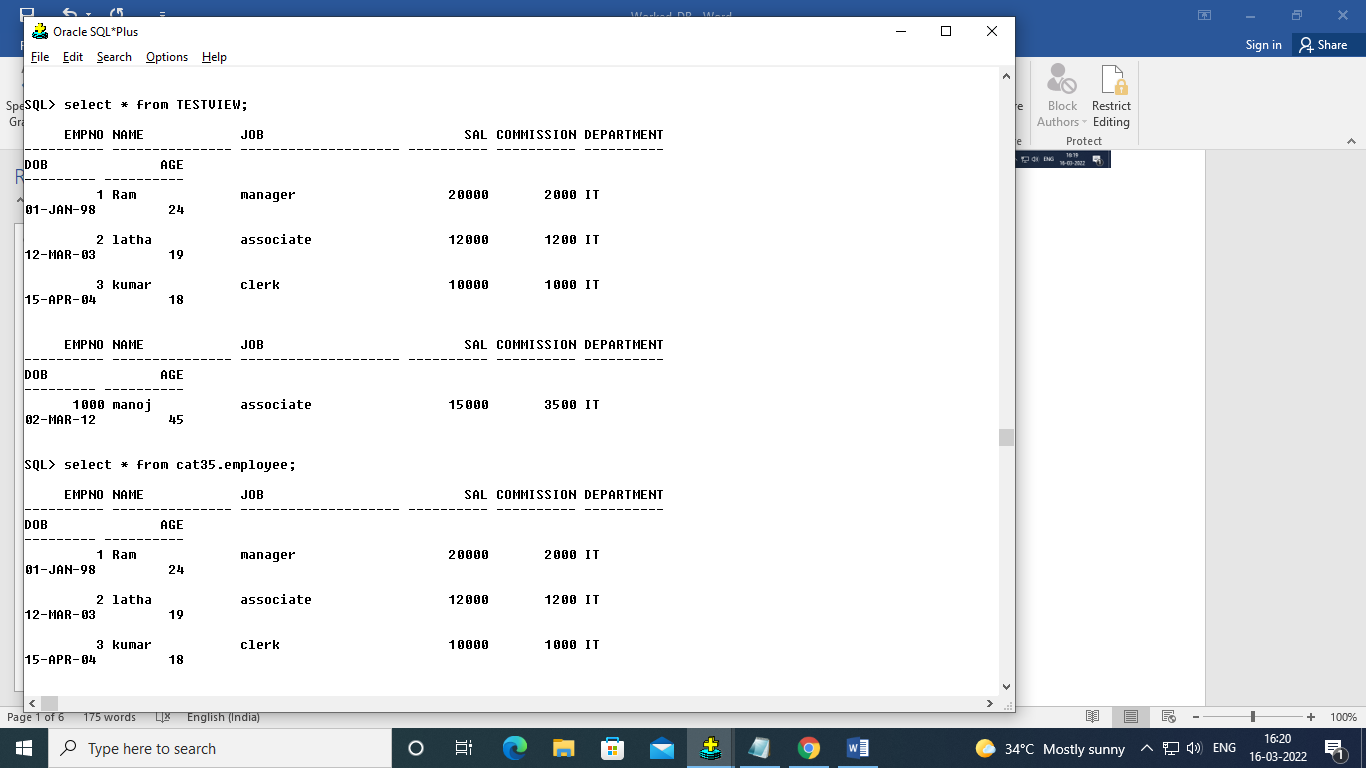
grant all on employee to test35;

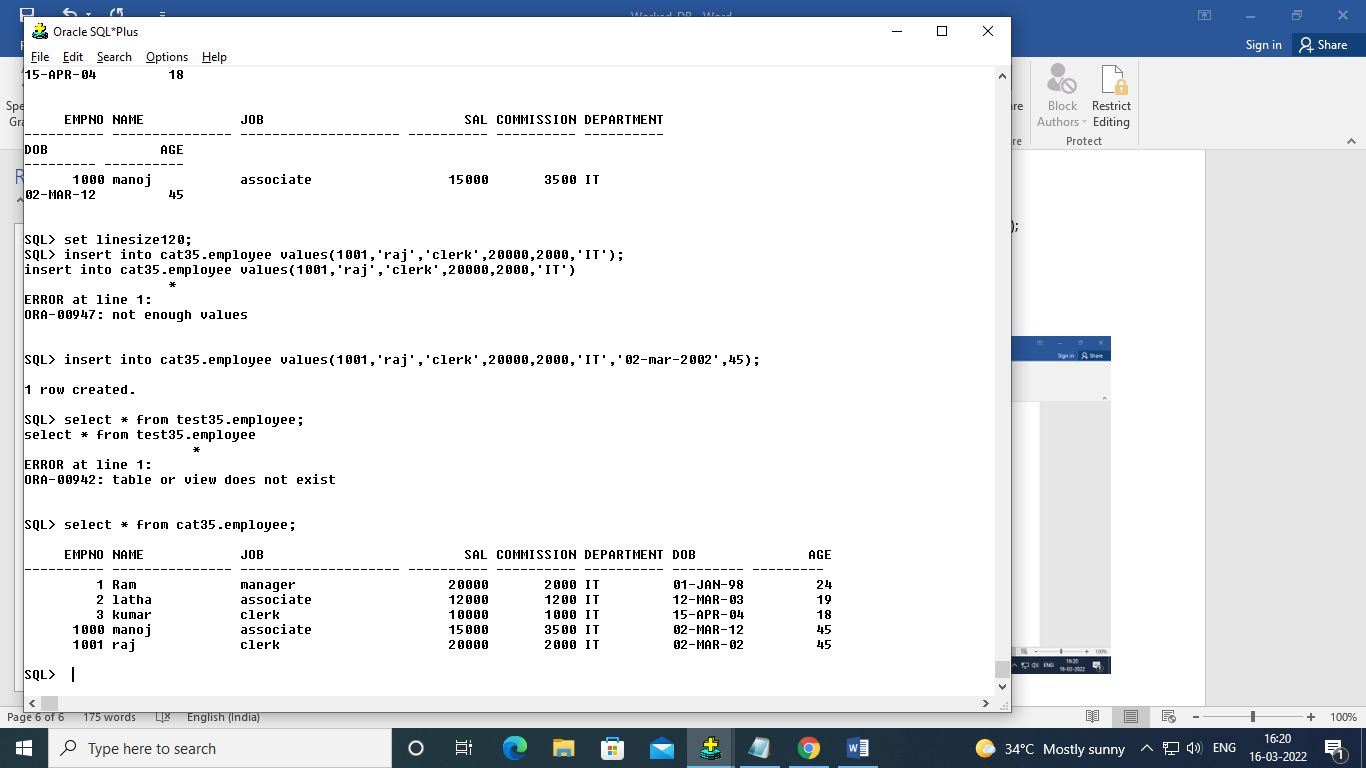
select \* from TESTVIEW;

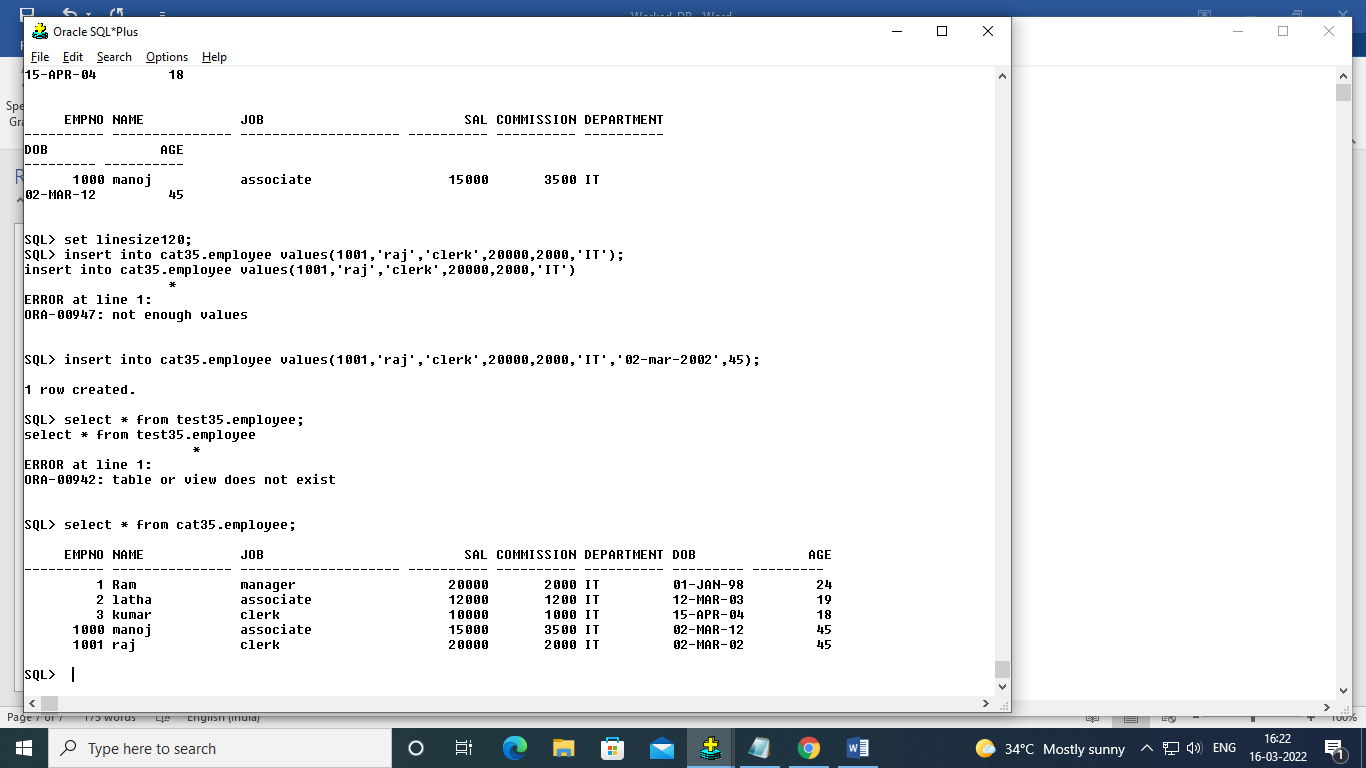
revoke delete on employee from test35;

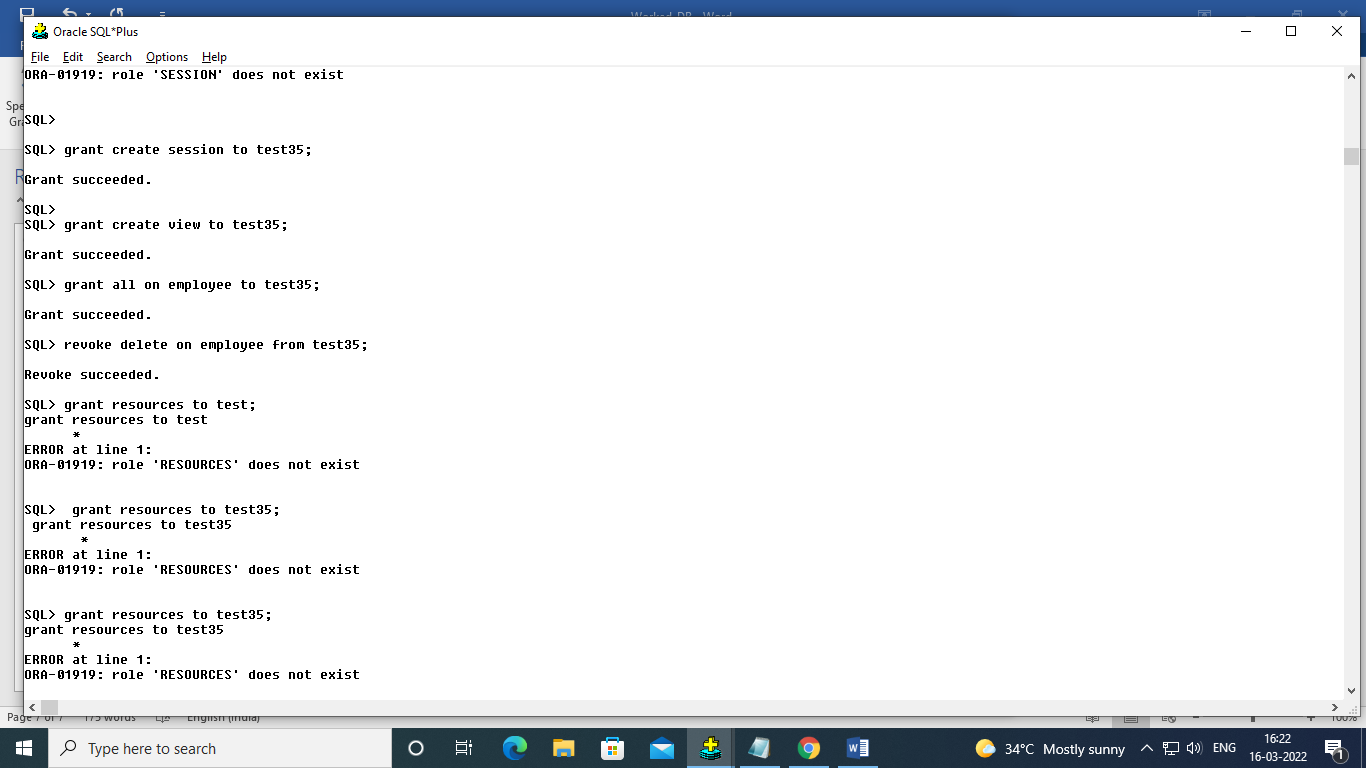
select \* from cat35.employee;

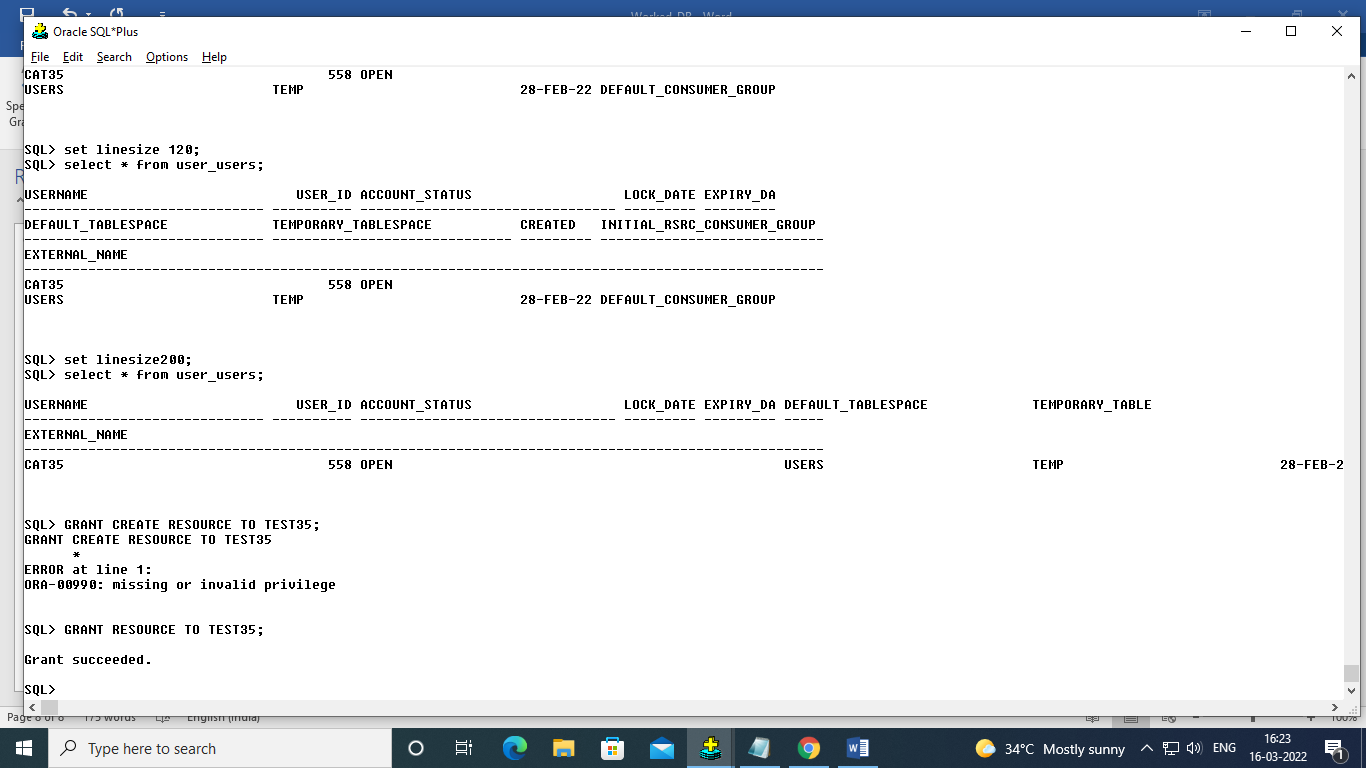
insert into cat35.employee values(1001,'raj','clerk',20000,2000,'IT','02-mar-2002',45);



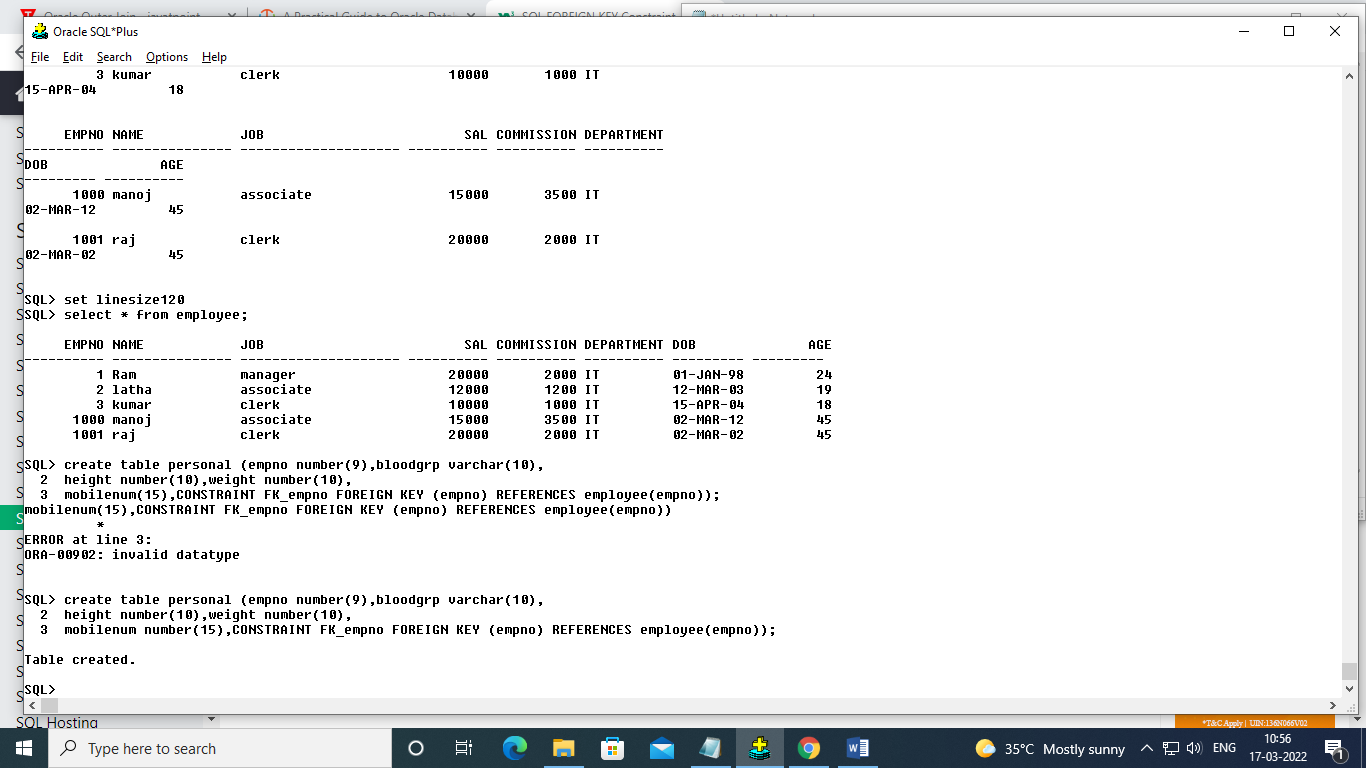


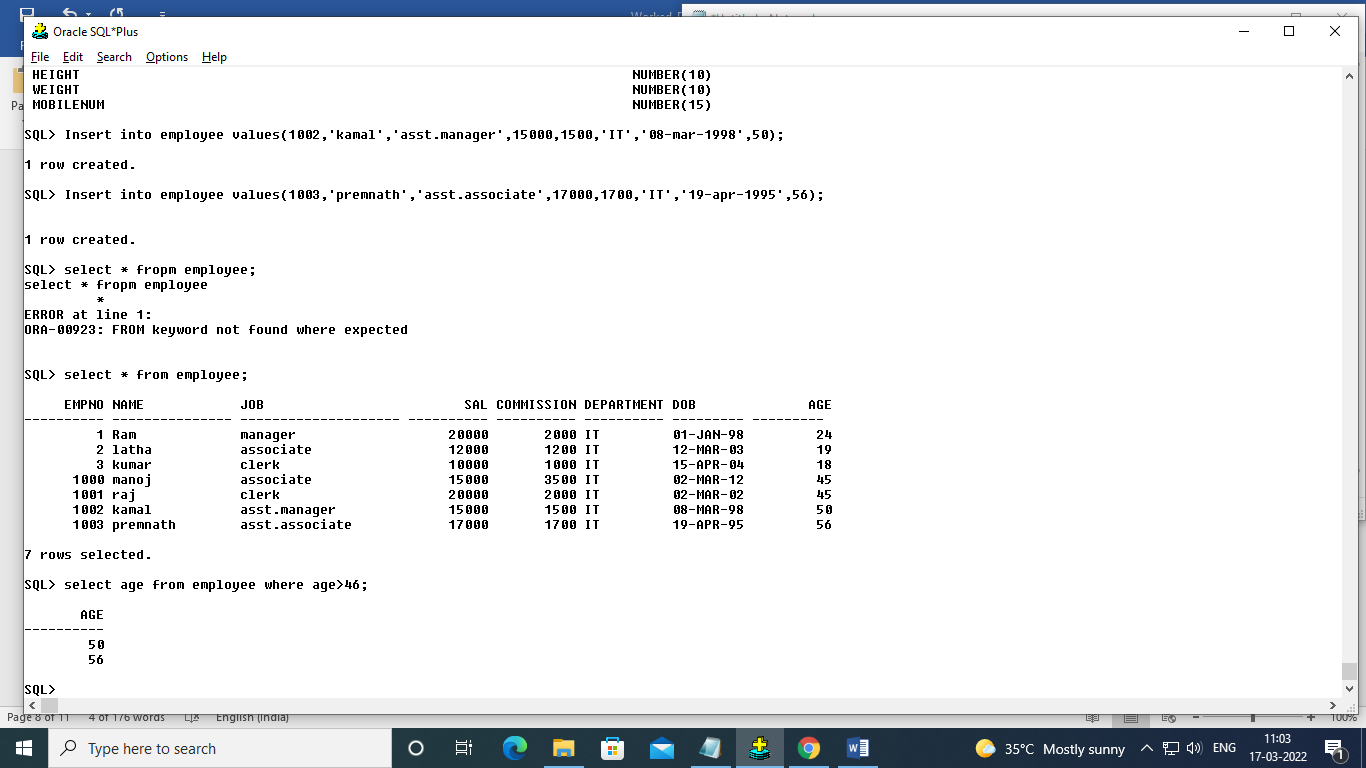






Ex:07





Procedure:

create procedure emp\_pro1 (NAME VARCHAR2,JOB VARCHAR2,SAL NUMBER,COMMISSION NUMBER,DEPARTMENT VARCHAR2,DOB DATE,AGE NUMBER)

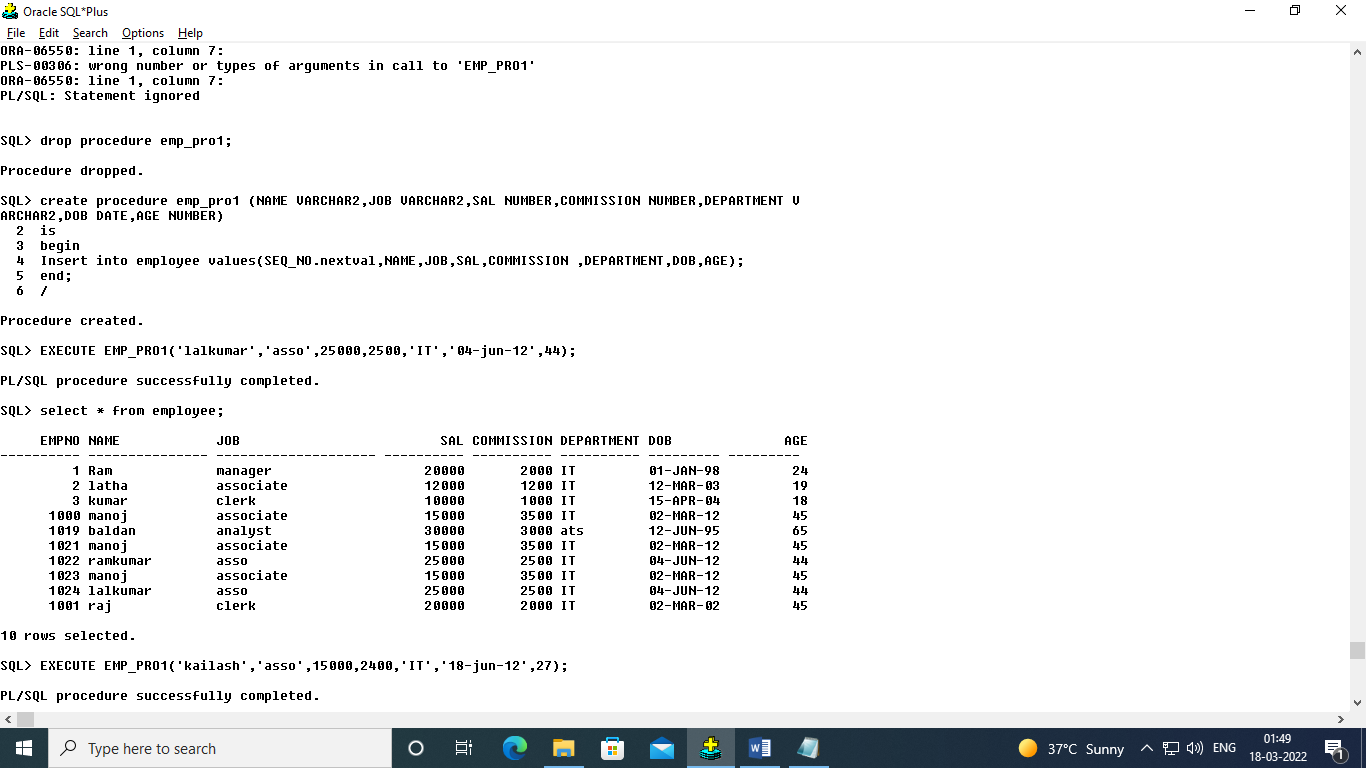
is

begin

Insert into employee values(SEQ\_NO.nextval,NAME,JOB,SAL,COMMISSION ,DEPARTMENT,DOB,AGE);

end;

execute EMP\_PRO1('harish','analyst','50000','5000','it','05-sep-04');



select decode(empno,1,'One',2,'two',3,'three') from employee;

create procedure dec\_pro (d NUMBER)

IS

word varchar(20);

BEGIN

select decode(d,1,'ONE',2,'Two','Not an number') into word from dual;

DBMS\_OUTPUT.PUT\_LINE(word);

end;

exec dec\_pro(6);