**TERADATA SQL MINI PROJECT TM-1**

create table emp\_details

(

empno integer primary key,

fname varchar2(30) not null,

lname varchar2(30) not null,

lodgename varchar2(30),

foreign key(lodgename) references lodge\_details(lodgename)

);

create table emp\_skill

(

empno integer,

skill varchar2(30) not null,

grade number(10) not null,

foreign key(empno) references emp\_details (empno)

foreign key(skill) references skill\_details (skill)

);

create table skill\_details

(

skill varchar2(20) primary key,

skill\_desc varchar2(30) not null,

);

create table lodge\_details

(

lodgename varchar2(30) primary key,

lodgemgr varchar2(30) not null,

lodgeadd varchar(20)

);

Insert into lodge\_details values (‘jesssy lodge’,’rajan’,’rakesh nagar’)

Insert into lodge\_details values (‘rajesh lodge’,rajani,anna nagar’)

Insert into lodge\_details values (‘gooday lodge’,john,sea road’)

Insert into emp\_details values (101,’james’,’jackson’,’rajesh lodge’)

Insert into emp\_details values (102,’kalpash’,’raj’,gooday lodge’)

Insert into emp\_details values (103,’jasmine’,’joy’,jessy lodge’)

Insert into skill\_details values (‘oracle sql’,’oracle cooperation’)

Insert into skill\_details values (‘dotnet’,’microsoft’)

Insert into skill\_details values (101,’oracle sql’,9)

Insert into emp\_details values (101,’sybase’,8)

Insert into emp\_details values (102,’dot net’,9)

Insert into emp\_details values (103,’oracle sql’,8)

**Queries**

1. Update emp\_details set lodge\_name = ‘Gooday Lodge’ where empno=101
2. Delete from emp\_details , lodge\_details,skill\_details,emp\_skill where empno=103
3. A. Create macro (skill varchar2(20)) as

( select \* from emp\_details e ,emp\_skill d where e.empno=d.empno and skill=:skill)

Exec marcro(skybase)

B . select first\_name, skill , lodgemgr from emp\_skill e ,emp\_details d ,lodge\_details where

e.empno = d.empno

C. select count(skill) from emp\_skill where empno=101

D . select first\_name from emp\_details e , emp\_skill d where e.empno=d.empno and skill = ‘oracle sql’

1. create view emp\_view as (select first\_name, skill , lodgemgr from emp\_skill e ,emp\_details d ,lodge\_details where e.empno = d.empno)
2. create synonym empv for emp\_view
3. create index skill\_index on emp\_skill(skill)