**Experiment 3**

**Task 1**

create table client\_master(

clientno varchar(6),

name varchar(20),

address varchar(30),

city varchar(15),

pincode numeric(8),

state varchar(15),

balance numeric(10,2)

)

create table Product\_master(

product\_no varchar(6),

description varchar(15),

Profit\_percent numeric(4,2),

Unit\_measure varchar(10),

Qty\_on\_hand numeric(8),

Reorder\_level numeric(8),

Sell\_price numeric(8,2),

Cost\_price numeric(8,2)

)

insert into client\_master values('123','abc','cba','a',10,'b',100)

insert into client\_master values('456','def','fed','c',20,'d',200)

insert into client\_master values('789','ghi','ihg','e',30,'f',300)

insert into client\_master values('012','jkl','lkj','g',40,'h',400)

insert into client\_master values('345','mno','onm','i',50,'j',500)

insert into client\_master values('345','mno','onm','mumbai',50,'j',500)

insert into Product\_master values('567','hello',50,'unit',60,70,200,100)

insert into Product\_master values('890','world',60,'unit2',70,80,300,200)

insert into Product\_master values('678','hi',70,'unit3',80,90,400,300)

insert into Product\_master values('645','bye',80,'unit4',90,100,500,400)

insert into Product\_master values('876','goodbye',90,'unit5',100,110,600,500)

select name from client\_master

select \* from client\_master

select name,city from client\_master

select \* from Product\_master

select \* from client\_master where city='mumbai'

update client\_master set city='mumbai' where clientno='456'

update client\_master set balance=1000 where clientno='456'

update Product\_master set Cost\_price=560 where description='hi'

delete from Product\_master where Qty\_on\_hand<70

delete from client\_master where state='d'

select \* from client\_master

select \* from Product\_master

**Task 2**

create table Library(

material varchar(60),

countmat int

)

insert into Library values("Books",50)

insert into Library values("CD's",20)

insert into Library values("Magazines",20)

select \* from Library

create table Member(

name varchar(50),

memid numeric(10),

dept varchar(20)

)

insert into Member values("Abc",210,"Computers")

insert into Member values("Def",211,"Electronics")

insert into Member values("Ghi",212,"Info.Tech")

select \* from Member

create table Student(

sid numeric(10),

rollno numeric(10),

class varchar(20),

course varchar(20)

)

insert into Student values(188,12,"TE Computers","Computers")

insert into Student values(189,13,"TE Computers","Computers")

insert into Student values(190,14,"TE Computers","Computers")

select \* from Student

create table Teacher(

tid numeric(10),

enrollno numeric(10),

dept varchar(20)

)

insert into Teacher values(121,13423,"Computers")

insert into Teacher values(122,13424,"Info.Tech")

insert into Teacher values(123,13425,"Production")

select \* from Teacher

create table Staff(

stid numeric(10),

dept varchar(50)

)

insert into Staff values(131,"Computers")

insert into Staff values(132,"Info.Tech")

select \* from Staff

create table Material(

mid numeric(10),

type varchar(50),

qty int

)

insert into Material values(141,"Books",19)

insert into Material values(142,"Cds",16)

insert into Material values(143,"Magazines",11)

select \* from Material

create table Books(

bid numeric(10),

bname varchar(50),

qty int,

publisher varchar(20)

)

insert into Books values(45,"DBMS",5,"Techmax")

insert into Books values(46,"CN",8,"Technical")

insert into Books values(47,"AA",6,"Coreman")

select \* from Books

create table CDs(

cid numeric(10),

cdname varchar(50),

qty int,

publisher varchar(20)

)

insert into CDs values(55,"AWS",9,"Amazon")

insert into CDs values(56,"Servlet",4,"Java")

insert into CDs values(57,"OCPJP",3,"Oracle")

select \* from CDs

create table Magazines(

mid numeric(10),

magname varchar (50),

qty int,

publisher varchar(20)

}

insert into Magazines values(65,"Fragmag1",7,"Abc")

insert into Magazines values(66,"Fragmag2",3,"Pqr")

insert into Magazines values(67,"Fragmag3",1,"Lmn")

select \* from Magazines