**Week 2 - Lab Assignment Sheet – SQL Refresher**

**Database System &amp; Web Lab (15B17CI372)**

Solutions) from 1-15 are done consecutively

create database week2;

create table BRANCH(

branchno int primary key not null,

street varchar(100),

city varchar(600),

postalcode int

);

create table STAFF(

staffNo int primary key not null,

fname varchar(100),

lname varchar(100),

position varchar(100),

sex varchar(100),

DOB date,

salary int,

branchno int

);

create table PROPERTYFORRENT(

propertyNO int ,

street varchar(100),

city varchar(600),

postalcode int,

typess varchar(100),

room varchar(100),

rent int,

ownerNo int,

staffNo int,

branchNO int

);

alter table propertyforrent

add constraint lol primary key(propertyNo);

create table CLIENTS(

clientNo int primary key,

fname varchar(100),

lname varchar(100),

telNo bigint,

prefType varchar(100),

maxRent varchar(100)

);

create table PRIVATEOWNER(

ownerno int primary key,

fname varchar(100),

lname varchar(100),

address varchar(100),

telNo int

);

create table VIEWING(

clientNo int primary key,

propertyNO int ,

viewDate date,

comments varchar(300),

foreign key (propertyNO) references PROPERTYFORRENT(propertyNO)

);

create table REGISTRATION(

clientNO int primary key,

branchNO int ,

staffNo int,

dateJoined date,

foreign key (branchNO) references branch(branchNO)

);

insert into BRANCH

values(1234,'jaypee street','noida',263139);

insert into staff

values

(12233,'amish','mishra','DEPT','M','2002-02-11',1000000,12345);

insert into clients

values

(12345,'amish','mishra',992010,'hoi',10000);

insert into propertyforrent

values

(1111,'jaypee street','noida',263139,'o','2bhk',10000,123456,12233,1234);

insert into privateowner

values

(123456,'amish','mishra','hoi hoi',992010);

insert into viewing

values

(12345,1111,'2003-12-2','bad');

insert into registration

values

(12345,1234,12233,'2022-12-12');

update branch

set city='Delhi'

where city=null;

alter table staff add constraint salary

check(salary>10000);

update PROPERTYFORRENT

set rent=110\*rent;

show tables from week2;

delete from staff

where fName='XYZ';

alter table clients add(dob date);

alter table viewing

add (comment varchar(300) default 'NIL');

truncate table registration;

select PRIVATEOWNER.fName, PRIVATEOWNER.lName, PROPERTYFORRENT.ownerNo from PRIVATEOWNER, PROPERTYFORRENT

where PROPERTYFORRENT.city = 'Delhi' and PROPERTYFORRENT.ownerNo = PRIVATEOWNER.ownerNo;

select typess,room from PROPERTYFORRENT

where city='Mumbai';

select fName, lName from STAFF

where sex='Female' and (DOB - curdate()) > 59;

select max(city)

from branch;

select staff.fName, staff.lName, branch.city from staff,branch

where branch.city = 'Delhi' and staff.sex='M';



