CREATE DATABASE asm03 CHARACTER SET utf8 COLLATE utf8\_unicode\_ci;

USE asm03;

CREATE TABLE NHACUNGCAP (

MaNhaCC VARCHAR(6) PRIMARY KEY,

TenNhaCC VARCHAR(50),

DiaChi VARCHAR(50),

SoDT VARCHAR(50),

MaSoThue VARCHAR(10)

);

INSERT INTO NHACUNGCAP VALUES

("NCC001","Cty TNHH Toàn Pháp","Hai Chau","05113999888",568941),

("NCC002","Cty Cổ phần Đông Du","Lien Chieu","05113999889",456789),

("NCC003","Ông Nguyễn Văn A","Hoa Thuan","05113999890",321456),

("NCC004","Cty Cổ phần Toàn Cầu Xanh","Hai Chau","05113658945",513364),

("NCC005","Cty TNHH AMA","Thanh Khe","05113875466",546546),

("NCC006","Bà Trần Thị Bích Vân","Lien Chieu","05113587469",524545),

("NCC007","Cty TNHH Phan Thành","Thanh Khe","05113987456",113021),

("NCC008","Ông Phan Đình Nam","Hoa Thuan","05113532456",121230),

("NCC009","Tập đoàn Đông Nam Á","Lien Chieu","05113987121",533654),

("NCC010","Cty Cổ phần Rạng Đông","Lien Chieu","05113569654",187864);

CREATE TABLE LOAIDICHVU (

MaLoaiDV VARCHAR(4) PRIMARY KEY,

TenLoaiDV VARCHAR(50)

);

INSERT INTO LOAIDICHVU VALUES

("DV01","Dịch vụ xe taxi"),

("DV02","Dịch vụ xe buýt công cộng theo tuyến cố định"),

("DV03","Dịch vụ xe cho thuê theo hợp đồng");

CREATE TABLE MUCPHI (

MaMP VARCHAR(4) PRIMARY KEY,

DonGia MEDIUMINT(8),

MoTa VARCHAR(50)

);

INSERT INTO MUCPHI VALUES

("MP01",10000, "Áp dụng từ 1/2015"),

("MP02",15000, "Áp dụng từ 2/2015"),

("MP03",20000, "Áp dụng từ 1/2010"),

("MP04",25000, "Áp dụng từ 2/2011");

CREATE TABLE DONGXE (

DongXe VARCHAR(50) PRIMARY KEY,

HangXe VARCHAR(50),

SoChoNgoi TINYINT(2)

);

INSERT INTO DONGXE VALUES

("Hiace","Toyota",16),

("Vios","Toyota",5),

("Escape","Ford",5),

("Cerato","KIA",7),

("Forte","KIA",5),

("Starex","Huyndai",7),

("Grand-i10","Huyndai",7);

CREATE TABLE DANGKYCUNGCAP (

MaDKCC VARCHAR(5) PRIMARY KEY,

MaNhaCC VARCHAR(6),

FOREIGN KEY (MaNhaCC) REFERENCES NHACUNGCAP(MaNhaCC),

MaLoaiDV VARCHAR(4),

FOREIGN KEY (MaLoaiDV) REFERENCES LOAIDICHVU(MaLoaiDV),

DongXe VARCHAR(50),

FOREIGN KEY (DongXe) REFERENCES DONGXE(DongXe),

MaMP VARCHAR(4),

FOREIGN KEY (MaMP) REFERENCES MUCPHI(MaMP),

NgayBatDauCungCap DATE,

NgayKetThucCungCap DATE,

SoLuongXeDangKy TINYINT(3)

);

INSERT INTO DANGKYCUNGCAP VALUES

("DK001","NCC001","DV01","Hiace","MP01","2015-11-20","2016-11-20",4),

("DK002","NCC002","DV02","Vios","MP02","2015-11-20","2017-11-20",3),

("DK003","NCC003","DV03","Escape","MP03","2017-11-20","2018-11-20",5),

("DK004","NCC005","DV01","Cerato","MP04","2015-11-20","2019-11-20",7),

("DK005","NCC002","DV02","Forte","MP03","2019-11-20","2020-11-20",1),

("DK006","NCC004","DV03","Starex","MP04","2016-11-10","2021-11-20",2),

("DK007","NCC005","DV01","Cerato","MP03","2015-11-30","2016-01-25",8),

("DK008","NCC006","DV01","Vios","MP02","2016-02-28","2016-08-15",9),

("DK009","NCC005","DV03","Grand-i10","MP02","2016-04-27","2017-04-30",10),

("DK010","NCC006","DV01","Forte","MP02","2015-11-21","2016-02-22",4),

("DK011","NCC007","DV01","Forte","MP01","2016-12-25","2017-02-20",5),

("DK012","NCC007","DV03","Cerato","MP01","2016-04-14","2017-12-20",6),

("DK013","NCC003","DV02","Cerato","MP01","2015-12-21","2016-12-21",8),

("DK014","NCC008","DV02","Cerato","MP01","2016-05-20","2016-12-30",1),

("DK015","NCC003","DV01","Hiace","MP02","2018-04-24","2019-11-20",6),

("DK016","NCC001","DV03","Grand-i10","MP02","2016-06-22","2016-12-21",8),

("DK017","NCC002","DV03","Cerato","MP03","2016-09-30","2019-09-30",4),

("DK018","NCC008","DV03","Escape","MP04","2017-12-13","2018-09-30",2),

("DK019","NCC003","DV03","Escape","MP03","2016-01-24","2016-12-30",8),

("DK020","NCC002","DV03","Cerato","MP04","2016-05-03","2017-10-21",7),

("DK021","NCC006","DV01","Forte","MP02","2015-01-30","2016-12-30",9),

("DK022","NCC002","DV02","Cerato","MP04","2016-07-25","2017-12-30",6),

("DK023","NCC002","DV01","Forte","MP03","2017-11-30","2018-05-20",5),

("DK024","NCC003","DV03","Forte","MP04","2017-12-23","2019-11-30",8),

("DK025","NCC003","DV03","Hiace","MP02","2016-08-24","2017-10-25",1);

SELECT \* FROM DONGXE WHERE SoChoNgoi>5;

SELECT NHACUNGCAP.MaNhaCC, NHACUNGCAP.TenNhaCC, NHACUNGCAP.DiaChi, NHACUNGCAP.SoDT, NHACUNGCAP.MaSoThue, DONGXE.HangXe, MUCPHI.DonGia

FROM NHACUNGCAP

INNER JOIN DANGKYCUNGCAP

ON DANGKYCUNGCAP.MaNhaCC=NHACUNGCAP.MaNhacc

INNER JOIN DONGXE

ON DANGKYCUNGCAP.DongXe=DONGXE.DongXe

INNER JOIN MUCPHI

ON DANGKYCUNGCAP.MaMP=MUCPHI.MaMP

WHERE (DONGXE.HangXe LIKE "Toyota" AND MUCPHI.DonGia LIKE "15000") OR (DONGXE.HangXe LIKE "KIA" AND MUCPHI.DonGia LIKE "20000")

ORDER BY NHACUNGCAP.MaNhaCC;

SELECT \* FROM NHACUNGCAP ORDER BY TenNhaCC, MaSoThue DESC;

SELECT MaNhaCC, COUNT(MaDKCC)

FROM DANGKYCUNGCAP

WHERE NGAYBATDAUCUNGCAP>="2015-11-20"

GROUP BY MaNhaCC;

SELECT DISTINCT HangXe FROM DONGXE;

SELECT NHACUNGCAP.MaNhaCC, NHACUNGCAP.TenNhaCC, NHACUNGCAP.DiaChi, NHACUNGCAP. MaSoThue, DANGKYCUNGCAP.MaDKCC, LOAIDICHVU.TenLoaiDV, DONGXE.HangXe, MUCPHI.DonGia, DANGKYCUNGCAP.NgayBatDauCungCap, DANGKYCUNGCAP.NgayKetThucCungCap

FROM NHACUNGCAP

LEFT JOIN DANGKYCUNGCAP

ON NHACUNGCAP.MaNhaCC= DANGKYCUNGCAP.MaNhaCC

LEFT JOIN LOAIDICHVU

ON DANGKYCUNGCAP.MaLoaiDV=LOAIDICHVU. MaLoaiDV

LEFT JOIN DONGXE

ON DANGKYCUNGCAP.DongXe=DONGXE.DongXe

LEFT JOIN MUCPHI

ON DANGKYCUNGCAP.MaMP=MUCPHI.MaMP

ORDER BY NHACUNGCAP.MaNhaCC;

SELECT NHACUNGCAP.MaNhaCC, NHACUNGCAP.TenNhaCC, NHACUNGCAP.DiaChi, NHACUNGCAP.SoDT, NHACUNGCAP.MaSoThue, DANGKYCUNGCAP.DongXe

FROM NHACUNGCAP

INNER JOIN DANGKYCUNGCAP

ON NHACUNGCAP.MaNhaCC= DANGKYCUNGCAP.MaNhaCC

WHERE DANGKYCUNGCAP.DongXe="Hiace" OR DANGKYCUNGCAP.DongXe="Cerato"

ORDER BY NHACUNGCAP.MaNhaCC;

SELECT NHACUNGCAP.MaNhaCC, NHACUNGCAP.TenNhaCC, NHACUNGCAP.DiaChi, NHACUNGCAP.SoDT, NHACUNGCAP.MaSoThue

FROM NHACUNGCAP

LEFT JOIN DANGKYCUNGCAP

ON NHACUNGCAP.MaNhaCC= DANGKYCUNGCAP.MaNhaCC

WHERE DANGKYCUNGCAP.DongXe is NULL

ORDER BY NHACUNGCAP.MaNhaCC;