

```

CREATE DATABASE BANHANG;
GO

USE BANHANG;
GO

-- CREATE TABLES

CREATE TABLE KHACHHANG
(
    MAKH    NVARCHAR(5) PRIMARY KEY,
    TENKH   NVARCHAR(30) NOT NULL,
    DIACHI  NVARCHAR(50),
    DT      NVARCHAR(10) CHECK (DT >= 7),
    EMAIL   NVARCHAR(30)
);
GO

CREATE TABLE VATTU
(
    MAVT    NVARCHAR(5) PRIMARY KEY,
    TENVT   NVARCHAR(30) NOT NULL,
    DVT     NVARCHAR(20),
    GIAMUA  INT CHECK (GIAMUA > 0),
    SLTON   INT CHECK (SLTON >= 0)
);
GO

CREATE TABLE HOADON
(
    MAHD    NVARCHAR(10) PRIMARY KEY,
    NGAY     DATETIME CHECK (
        DATEFROMPARTS(YEAR(NGAY), MONTH(NGAY), DAY(NGAY)) <
        DATEFROMPARTS(YEAR(CURRENT_TIMESTAMP), MONTH(CURRENT_TIMESTAMP),
DAY(CURRENT_TIMESTAMP))
    ),
    MAKH     NVARCHAR(5) FOREIGN KEY REFERENCES KHACHHANG (MAKH),
    TONGTG   INT
);
GO

CREATE TABLE CHITIETHOADON
(
    MAHD     NVARCHAR(10) FOREIGN KEY REFERENCES HOADON (MAHD),
    MAVT     NVARCHAR(5) FOREIGN KEY REFERENCES VATTU (MAVT),
    SL       INT CHECK (SL > 0),
    KHUYENMAI INT,
    GIABAN   INT,
    PRIMARY KEY (MAHD, MAVT)
);
GO

-- INSERT DATA INTO TABLES

INSERT INTO VATTU(MAVT, TENVT, DVT, GIAMUA, SLTON)
VALUES ('VT01', 'XI MANG', 'BAO', 50000, 5000),
('VT02', 'CAT', 'KHOI', 45000, 50000),
('VT03', 'GACH ONG', 'VIEN', 120, 800000),
('VT04', 'GACH THE', 'VIEN', 110, 800000),
('VT05', 'DA LON', 'KHOI', 25000, 100000),
('VT06', 'DA NHO', 'KHOI', 33000, 100000),
('VT07', 'LAM GIO', 'CAI', 15000, 50000);

```

GO

```
INSERT INTO KHACHHANG(MAKH, TENKH, DIACHI, DT, EMAIL)
VALUES ('KH01', 'NGUYEN THI BE', 'TAN BINH', '08457895', 'bnt@yahoo.com'),
('KH02', 'LE HOANG NAM', 'BINH CHANH', '09878987', 'namlehoang @abc.com.vn'),
('KH03', 'TRAN THI CHIEU', 'TAN BINH', '08457895', NULL),
('KH04', 'MAI THI QUE ANH', 'BINH CHANH', NULL, NULL),
('KH05', 'LE VAN SANG', 'QUAN 10', NULL, 'sanglv@hcm.vnn.vn'),
('KH06', 'TRAN HOANG KHAI', 'TAN BINH', '08457897', NULL);
```

GO

```
SET DATEFORMAT DMY;
```

GO

```
INSERT INTO HOADON(MAHD, NGAY, MAKH)
VALUES ('HD001', '12/05/2000', 'KH01'),
('HD002', '25/05/2000', 'KH02'),
('HD003', '25/05/2000', 'KH01'),
('HD004', '25/05/2000', 'KH04'),
('HD005', '26/05/2000', 'KH04'),
('HD006', '02/06/2000', 'KH03'),
('HD007', '22/06/2000', 'KH04'),
('HD008', '25/06/2000', 'KH03'),
('HD009', '15/08/2000', 'KH04'),
('HD010', '30/09/2000', 'KH01'),
('HD011', '27/12/2000', 'KH06'),
('HD012', '27/12/2000', 'KH01');
```

GO

```
INSERT INTO CHITIETHOADON(MAHD, MAVT, SL, GIABAN)
VALUES ('HD001', 'VT01', 5, 52000),
('HD001', 'VT05', 10, 30000),
('HD002', 'VT03', 10000, 150),
('HD003', 'VT02', 20, 55000),
('HD004', 'VT03', 50000, 150),
('HD004', 'VT04', 20000, 120),
('HD005', 'VT05', 10, 30000),
('HD005', 'VT06', 15, 35000),
('HD005', 'VT07', 20, 17000),
('HD006', 'VT04', 10000, 120),
('HD007', 'VT04', 20000, 125),
('HD008', 'VT01', 100, 55000),
('HD008', 'VT02', 20, 47000),
('HD009', 'VT02', 25, 48000),
('HD010', 'VT01', 25, 57000),
('HD011', 'VT01', 20, 55000),
('HD011', 'VT02', 20, 45000),
('HD012', 'VT01', 20, 55000),
('HD012', 'VT02', 10, 48000),
('HD012', 'VT03', 10000, 150);
```

GO