1. Sử dụng câu lệnh CREATE TABLE để tạo các bảng trong cơ sở dữ liệu từ ERD với các trường, kiểu dữ liệu và ràng buộc từ câu 1.

* **BẢNG KHACHHANG**

CREATE TABLE KHACHHANG(

MAKHACHHANG CHAR(10) NOT NULL,

TENCONGTY NVARCHAR(50) NOT NULL,

TENGIAODICH NVARCHAR(50) NOT NULL,

DIACHI NVARCHAR(100) NOT NULL,

EMAIL NVARCHAR(50) UNIQUE,

DIENTHOAI CHAR(11) NOT NULL,

FAX VARCHAR(15),

CONSTRAINT pk\_KHACHHANG PRIMARY KEY(MAKHACHHANG)

)

* **BẢNG NHANVIEN**

CREATE TABLE NHANVIEN(

MANHANVIEN NVARCHAR(20) UNIQUE,

HO VARCHAR(10) NOT NULL,

TEN VARCHAR(10) NOT NULL,

NGAYSINH DATE/TIME NOT NULL,

NGAYLAMVIEC DATE NOT NULL,

DIACHI VARCHAR(100) NOT NULL,

DIENTHOAI CHAR(11) UNIQUE,

LUONGCOBAN DECIMAL(10,2) LUONGCOBAN>0,

PHUCAP DECIMAL(10,2) PHUCAP>0,

CONSTRAINT pk\_NHANVIEN PRIMARY KEY(MANHANVIEN)

)

* **BẢNG NHACUNGCAP**

CREATE TABLE NHACUNGCAP (

MACONGTY VARCHAR(30) UNIQUE NOT NULL,

TENCONGTY VARCHAR(100) NOT NULL,

TENGIAODICH VARCHAR(100) NOT NULL,

DIACHI VARCHAR(200),

DIENTHOAI CHAR(11) UNIQUE,

FAX CHAR(15) UNIQUE,

EMAIL VARCHAR(100) UNIQUE,

CONSTRAINT pk\_NHACUNCAP PRIMARY KEY(MACONGTY)

)

* **BẢNG LOẠI HÀNG**

CREATE TABLE LOAIHANG(

MALOAIHANG CHAR(10) NOT NULL,

TENLOAIHANG VARCHAR(50) NOT NULL,

CONSTRAINT pk\_LOAIHANG PRIMARY KEY(MALOAIHANG)

)

* **BẢNG DONDATHANG**

BẢNG DONDATHANG

CREATE TABLE DONDATHANG(

SOHOADON INT NOT NULL,

MAKHACHHANG CHAR(10) NOT NULL,

MAKHACHHANG CHAR(20) NOT NULL,

NGAYDATHANG DATE/TIME NOT NULL,

NGAYGIAOHANG DATE/TIME CHECK(NGAYGIAOHANG>NGAYDATHANG) NOT NULL,

NGAYCHUYENHANG DATE/TIME CHECK(NGAYCHUYENHANG>=NGAYDATHANG) NOT NULL,

NOIGIAOHANG VARCHAR(50) NOT NULL,

CONSTRAINT pk\_DODNATHANG PRIMARY KEY(SOHOADON)

CONSTRAINT fk\_KHACHHANG\_DONDATHANG FOREIGN KEY(MAKHACHHANG) REFERENCES DONDDATHANG(MAKHACHHANG),

CONSTRAINT fk\_NHANVIEN\_DONDATHANG FOREIGN KEY(MANHANVIEN) REFERENCES DONDDATHANG(MANHANVIEN)

)

* **BẢNG MATHANG**

CREATE TABLE MATHANG(

MAHANG CHAR(10) NOT NULL,

TENHANG VARCHAR(50) NOT NULL,

MACONGTY CHAR(30) NOT NULL,

MALOAIHANG CHAR(20) NOT NULL,

SOLUONG INT NOT NULL CHECK(SOLUONG>=0),

DONVITINH VARCHAR(20) NOT NULL CHECK(DONVITINH>=0),

GIAHANG DECIMAL(10,2) CHECK(GIAHANG>=0),

CONSTRAINT pk\_MATHANG PRIMARY KEY(MAHANG),

CONSTRAINT fk\_NHACUNGCAP\_MATHANG FOREIGN KEY(MACONGTY) REFERENCES MATHANG(MACONGTY),

CONSTRAINT fk\_LOAIHANG\_MATHANG FOREIGN KEY(MALOAIHANG) REFERENCES MATHANG(MALOAIHANG)

)

* **BẢNG CHITIETDONHANG**

CREATE TABLE CHITIETDONHANG(

SOHOADON VARCHAR(20) NOT NULL,

MAHANG VARCHAR(30) NOT NULL,

GIABAN DECIMAL(5,2) CHECK(GIABAN>=0),

SOLUONG INT CHECK(SOLUONG>=0),

MUCGIAMGIA DECIMAL(5,2) CHECK(MUCGIAMGIA>=0),

CONSTRAINT pk\_DONDATHANG PRIMARY KEY(SOHOADON,MAHANG),

CONSTRAINT fk\_MATHANG\_CHITIETDONHANG FOREIGN KEY(MAHANG) REFERENCES CHITIETDONHANG(MAHANG),

CONSTRAINT fk\_DONDATHANG\_CHITIETDONHANG FOREIGN KEY(MAHOADON) REFERENCES CHITIETDONHANG(MAHOADON)

)