create database salesdb;

use salesdb;

create table productlines

( productLine varchar(50) primary key ,

textDescription varchar(4000) ,

htmlDescription mediumtext,

image mediumblob

);

create table product\_table

( productCode VARCHAR(15) PRIMARY KEY,

productName VARCHAR(70) NOT NULL ,

productLine VARCHAR(50) ,

productScale VARCHAR(10) NOT NULL ,

productVendor VARCHAR(50) NOT NULL,

productDescription TEXT NOT NULL,

quantityInStock SMALLINT NOT NULL,

buyPrice DECIMAL(10, 2) NOT NULL,

MSRP DECIMAL(10, 2) NOT NULL ,

constraint fk2 foreign key(productLine) references productlines(productLine)

);

create table employees\_table

(

employeeNumber INT PRIMARY KEY ,

lastName VARCHAR(50) NOT NULL,

firstName VARCHAR(50) NOT NULL,

extension VARCHAR(10) NOT NULL,

email VARCHAR(100) NOT NULL ,

officeCode VARCHAR(10),

reportsTo INT ,

jobTitle VARCHAR(50) NOT NULL ,

constraint fk3 foreign key(officeCode) references offices\_table(officeCode),

constraint fk4 foreign key(reportsTo) references employees\_table(employeeNumber)

);

create table offices\_table

( officeCode VARCHAR(10) PRIMARY KEY ,

city VARCHAR(50) NOT NULL ,

phone VARCHAR(50) NOT NULL,

addressLine1 VARCHAR(50) NOT NULL ,

addressLine2 VARCHAR(50) ,

state VARCHAR(50) ,

country VARCHAR(50) NOT NULL ,

postalCode VARCHAR(15) NOT NULL,

territory VARCHAR(10) NOT NULL

);

create table customers\_table

( customerNumber INT PRIMARY KEY ,

customerName VARCHAR(50) NOT NULL ,

contactLastName VARCHAR(50) NOT NULL,

contactFirstName VARCHAR(50) NOT NULL ,

phone VARCHAR(50) NOT NULL,

addressLine1 VARCHAR(50) NOT NULL ,

addressLine2 VARCHAR(50),

city VARCHAR(50) NOT NULL,

state VARCHAR(50) ,

postalCode VARCHAR(15),

country VARCHAR(50) NOT NULL ,

salesRepEmployeeNumber INT ,

creditLimit DECIMAL(10, 2) ,

constraint fk9 FOREIGN KEY(salesRepEmployeeNumber) REFERENCES employees\_table(employeeNumber)

);

create table orders\_table

( orderNumber INT PRIMARY KEY,

orderDate DATE NOT NULL ,

requiredDate DATE NOT NULL,

shippedDate DATE,

status VARCHAR(15) NOT NULL ,

comments TEXT,

customerNumber INT,

constraint fk5 FOREIGN KEY(customerNumber) REFERENCES customers\_table(customerNumber)

);

create table orderdetails\_table

( orderNumber INT ,

productCode VARCHAR(15) ,

quantityOrdered INT NOT NULL,

priceEach DECIMAL(10, 2) NOT NULL,

orderLineNumber SMALLINT NOT NULL,

Primary Key( orderNumber , productCode),

constraint fk6 FOREIGN KEY(orderNumber) REFERENCES orders\_table(orderNumber),

constraint fk7 FOREIGN KEY(productCode) REFERENCES product\_table(productCode)

);

create table payments\_table

( customerNumber INT ,

checkNumber VARCHAR(50) PRIMARY KEY,

paymentDate DATE NOT NULL ,

amount DECIMAL(10, 2) NOT NULL ,

constraint fk8 foreign key(customerNumber) references customers\_table(customerNumber)

);