create database if not exists Warehouze;

show databases;

use Warehouze;

CREATE TABLE Address (

Address\_id INT AUTO\_INCREMENT,

Country varchar(20) NOT NULL,

Street varchar(20) NOT NULL ,

City varchar(20) NOT NULL ,

State varchar(20) NOT NULL ,

Zip char(20) NOT NULL,

PRIMARY KEY (Address\_id)

);

insert into Address(Country,street,city,state,zip) values ('rwanda','45lake','kigali','Kimironko',0000),

('USA','45lake','NY','Poughkeepsie',2435),

('USA','75clark','NY','fishkill',7890),

('Belgium','45AVE','La ville','manic',335),

('USA','42lake','NY','Poughkeepsie',235),

('USA','43lake','NY','Poughkeepsie',243),

('USA','44lake','NY','Poughkeepsie',2435),

('USA','46lake','NY','Poughkeepsie',235),

('USA','47lake','NY','Poughkeepsie',435),

('USA','5lake','LA','newtown',1565);

select \* from Address;

CREATE TABLE Customer (

Customer\_id INT AUTO\_INCREMENT,

First\_name varchar(40) NOT NULL,

Last\_name varchar(40) NOT NULL ,

phone int(10) NOT NULL ,

email varchar(40) NOT NULL ,

Address\_id INT,

PRIMARY KEY (Customer\_id),

FOREIGN KEY (Address\_id) REFERENCES Address(Address\_id)

);

insert into customer(First\_name,Last\_name,phone,phone,email,Adress\_id) values('Jacob','jane',6467858938,'bhac@gmail.com'),

('John','jane',6467857938,'hacaj@gmail.com'),

('Jane','john',6467858338,'ahcba@gmail.com'),

('John','Doe',6464858938,'hjsbchj@gmail.com'),

('Doe','jane',6460858938,'mbcaj@gmail.com'),

('Dan','jane',6467855938,'mnbc@gmail.com'),

('John','Dan',9467858938,'jbchjsa@gmail.com'),

('James','jane',6467858930,'hsbahjc@gmail.com'),

('Jairus','jane',6467008938,'jbsJSlk@gmail.com'),

('paul','jane',6467823938,'kjK@gmail.com');

CREATE TABLE Department (

Dept\_id INT AUTO\_INCREMENT,

Name varchar(40) NOT NULL,

Description varchar(40) NOT NULL ,

PRIMARY KEY (Dept\_id)

);

insert into department(Dept\_id,name,description)values(IT,'In charge of IT'),

(HR,'In charge of Human Resources'),(Operations,'In charge of all business related Operations');

CREATE TABLE Employee (

Employee\_id INT AUTO\_INCREMENT,

First\_name varchar(40) NOT NULL,

Last\_name varchar(40) NOT NULL,

Dept\_id INT,

SSN int(10) NOT NULL ,

Phone int(10) NOT NULL ,

Address\_id INT,

PRIMARY KEY (Employee\_id),

FOREIGN KEY (Address\_id) REFERENCES Address(Address\_id),

FOREIGN KEY (Dept\_id) REFERENCES Department(Dept\_id)

);

insert into employee(First\_name,Last\_name,SSN,phone) values('John','doe',000000222,73487282821),

('Doe','John',000000333,73487237821),

('Ricky','doe',000000444,73487282821),

('Junior','doe',000000555,73487282800),

('Devante','doe',000000678,70087282821),

('Isheja','doe',000000777,73487002821),

('Kabasti','doe',000000888,73400082821),

('Joel','doe',000000999,73487282001),

('Jae','doe',000000181,71187282821);

CREATE TABLE Product (

Product\_id INT AUTO\_INCREMENT,

Product\_name varchar(40) NOT NULL,

Description varchar(40) NOT NULL ,

Manifacturer varchar(40) NOT NULL ,

Expiration\_date varchar(40) NOT NULL ,

PRIMARY KEY (Product\_id, Product\_name )

);

select \* from Product;

insert into Product(Product\_name,description,manifacturer,Experation\_date)values('riham','biscuit','axzam',12/3/2021),

('MT dew','Drink','dew',1/3/2021),

('T-shirt','Clothes','Gucci',12/4/2021),

('Hoddie','Clothes','LV',12/3/2021),

('laptop','Tech','HP',13/4/2022),

('Macbook pro','tech','Apple',4/3/2022),

('Books','paperterie ','axzam',12/3/2023);

CREATE TABLE Supplier (

Supplier\_id INT AUTO\_INCREMENT,

First\_name varchar(40) NOT NULL,

Last\_name varchar(40) NOT NULL ,

phone int(10) NOT NULL ,

SSN int(10) NOT NULL ,

email varchar(40) NOT NULL ,

Product\_id INT,

Payment varchar(40) NOT NULL,

Quantity INT,

Price DOUBLE,

Address\_id INT,

PRIMARY KEY (Supplier\_id),

FOREIGN KEY (Address\_id) REFERENCES Address(Address\_id),

FOREIGN KEY (Product\_id) REFERENCES Product(Product\_id)

);

insert into Supplier(First\_name,Last\_name,phone,SSN,email,payment,Quantity,Price,Address\_id)values('John','Doe',832798723987,000000111,'jaha@gxc.com',2000,5),

('John','Doe',832798723987,000000111,'jaha@gxc.com',2000,5),

('John','Doe',832798723987,000000111,'jaha@gxc.com',2000,5),

('John','Doe',832798723987,000000111,'jaha@gxc.com',2000,5),

('John','Doe',832798723987,000000111,'jaha@gxc.com',2000,5),

('John','Doe',832798723987,000000111,'jaha@gxc.com',2000,5),

('John','Doe',832798723987,000000111,'jaha@gxc.com',2000,5);

CREATE TABLE Orders (

Order\_id INT AUTO\_INCREMENT,

Customer\_id INT NOT NULL,

Employee\_id INT NOT NULL ,

Date date DEFAULT NULL,

PRIMARY KEY (Order\_id),

FOREIGN KEY (Customer\_id) REFERENCES Customer(Customer\_id),

FOREIGN KEY (Employee\_id) REFERENCES Employee(Employee\_id)

);

CREATE TABLE Payment (

Payment\_id INT AUTO\_INCREMENT,

Payment\_type varchar(40) NOT NULL,

Date date DEFAULT NULL,

Amount double NOT NULL,

PayDueDate date DEFAULT NULL,

PRIMARY KEY (Payment\_id)

);

insert into Payment(Payment\_type,Date,Amount,Paydue)value('Check',12/3/2021,2000,24/3/2021),

('Debit Card',12/6/2021,2000,24/12/2021),

('Check',12/5/2021,6000,24/11/2021),

('Credit Card',12/7/2021,5000,24/10/2021),

('Check',12/8/2021,200,24/9/2021);

CREATE TABLE Order\_detail (

Receipt\_id INT AUTO\_INCREMENT,

Customer\_id INT NOT NULL,

Order\_id INT NOT NULL,

Product\_id INT NOT NULL,

Product\_name varchar(40) NOT NULL,

Date date DEFAULT NULL,

Quantity double NOT NULL,

Amount double NOT NULL,

Payment\_id INT NOT NULL,

FOREIGN KEY (Product\_id, Product\_name) REFERENCES Product(Product\_id, Product\_name),

FOREIGN KEY (Customer\_id) REFERENCES Customer(Address\_id),

FOREIGN KEY (Order\_id) REFERENCES \_Order(Order\_id),

FOREIGN KEY (Payment\_id) REFERENCES Payment(Payment\_id),

PRIMARY KEY (Receipt\_id, Payment\_id)

);

CREATE TABLE Inventory (

Inventory\_id INT AUTO\_INCREMENT,

Name varchar(40) NOT NULL,

Location varchar(40) NOT NULL ,

Supplier\_id INT NOT NULL ,

Product\_id INT NOT NULL ,

Product\_name varchar(40) NOT NULL ,

Quantity double NOT NULL,

Contact varchar(40) NOT NULL ,

PRIMARY KEY (Inventory\_id),

FOREIGN KEY (Supplier\_id) REFERENCES Supplier(Supplier\_id),

FOREIGN KEY (Product\_id, Product\_name) REFERENCES Product(Product\_id, Product\_name)

);

insert into Inventory(Name,Location,Quantity,Contact)value('biscuits','3rd',2000,387873),

('Drinks','4th',2000,384573),

('Clothes','1st',2000,383873),

('Tech','5th',2000,387323),

('bread','3rd',2000,387873),

('Projectors','5th',2000,387873),

('Shoes','7th',2000,387873),

('biscuits','3rd',2000,387873);

CREATE TABLE Warehouse (

Warehouse\_id INT AUTO\_INCREMENT,

Name varchar(40) NOT NULL,

Location varchar(40) NOT NULL ,

Inventory\_id INT NOT NULL ,

Employee\_id INT NOT NULL ,

Contact varchar(40) NOT NULL ,

PRIMARY KEY (Warehouse\_id),

FOREIGN KEY (Employee\_id) REFERENCES Employee(Employee\_id),

FOREIGN KEY (Inventory\_id) REFERENCES Inventory(Inventory\_id)

);