CUSTOMER

create table Customer (

cust\_id DECIMAL(12),

fname VARCHAR(50),

lname VARCHAR(50),

city VARCHAR(50),

street VARCHAR(50),

home VARCHAR(12),

email VARCHAR(50),

phone VARCHAR(32),

PRIMARY KEY (cust\_id)

);

COMPANY

create table Company (

company\_id DECIMAL(12),

company\_name VARCHAR(50),

company\_location VARCHAR(50),

PRIMARY KEY (company\_id)

);

CREDIT CARD

create table Card(

card\_id decimal(12),

card\_name varchar(32),

card\_validity varchar(32),

card\_type varchar(32),

primary key(card\_id),

cust\_id decimal(12),

foreign key (cust\_id) references Customer(cust\_id)

);

ORDER

create table Orderr(

order\_id decimal(12),

cust\_id decimal(12),

company\_id decimal(12),

primary key (order\_id),

foreign key (cust\_id) references Customer(cust\_id),

foreign key (company\_id) references Company(company\_id)

);

INVOICE

CREATE TABLE Invoice(

invoice\_id decimal(12),

tax varchar(32),

total\_amount decimal(12),

invoice\_date date,

PRIMARY KEY (invoice\_id)

);

PAYMENT

create table Payment(

payment\_id decimal(12),

primary key(payment\_id),

order\_id decimal(12),

card\_id decimal(12),

invoice\_id decimal(12),

foreign key(order\_id) references Orderr(order\_id),

foreign key(card\_id) references Card(card\_id),

foreign key(invoice\_id) references Invoice(invoice\_id)

);

PREPAID

CREATE TABLE Prepaid(

check\_number decimal(12),

primary key(check\_number),

cust\_id decimal(12),

foreign key (cust\_id) references Customer(cust\_id)

);

BILL

create table Bill(

bill\_id decimal(12),

created\_date date,

expiration\_date date,

amount\_owed decimal(12),

primary key(bill\_id),

cust\_id decimal(12),

foreign key (cust\_id) references Customer(cust\_id)

);

CONTRACT

create table Contract(

contract\_id decimal(12),

start\_date date,

end\_date date,

monthly\_bill decimal(12),

primary key (contract\_id),

cust\_id decimal(12),

company\_id decimal(12),

foreign key (cust\_id) references Customer(cust\_id),

foreign key (company\_id) references Company(company\_id)

);

EMPLOYEE

create table Employee(

employee\_id decimal(12),

emp\_fname varchar(32),

emp\_lname varchar(32),

salary decimal(12),

primary key (employee\_id),

company\_id decimal(12),

foreign key (company\_id) references Company(company\_id)

);

LOCATION

create table Locationn(

location\_id decimal(12),

city varchar(32),

street varchar(32),

primary key (location\_id)

);

WAREHOUSE

create table Warehouse (

warehouse\_id decimal(12),

warehouse\_no decimal(12),

primary key (warehouse\_id),

location\_id decimal(12),

foreign key (location\_id) references Locationn(location\_id)

);

TRACKING SYSTEM

create table Tracking\_system (

tracking\_id decimal(12),

tracking\_date date,

primary key (tracking\_id),

location\_id decimal(12),

foreign key (location\_id) references Locationn (location\_id)

);

TRANSPORT

create table Transport (

transport\_id decimal(12),

transport\_type varchar(32),

date\_of\_shipment date,

date\_of\_arrival date,

primary key(transport\_id),

tracking\_id decimal(12),

foreign key (tracking\_id) references Tracking\_system (tracking\_id)

);

PACKAGE TRACKING SYSTEM

create table Package\_tracking\_system(

package\_tracking\_id decimal(12),

tracking\_date date,

primary key (package\_tracking\_id),

location\_id decimal(12),

foreign key (location\_id) references Locationn (location\_id)

);

HAZARDOUS MATERIALS

create table Hazardous\_materials(

material\_id decimal(12),

material\_type varchar(32),

primary key (material\_id)

);

INTERNATIONAL SHIPMENTS

create table international\_shipments (

declaration\_id decimal(12),

declaration\_description varchar(256),

primary key (declaration\_id)

);

PACKAGE

create table Package (

package\_id decimal(12),

package\_type varchar(32),

weight varchar(12),

price decimal(20),

arrival\_date date,

primary key (package\_id),

cust\_id decimal(12),

transport\_id decimal(12),

package\_tracking\_id decimal(12),

material\_id decimal(12),

declaration\_id decimal(12),

foreign key (cust\_id) references Customer(cust\_id),

foreign key (transport\_id) references Transport(transport\_id),

foreign key (package\_tracking\_id) references Package\_tracking\_system(package\_tracking\_id),

foreign key (material\_id) references Hazardous\_materials(material\_id),

foreign key (declaration\_id) references International\_shipments(declaration\_id)

);

PACKAGE EMPLOYEES

create table Package\_employee (

package\_emp\_id decimal(12),

primary key (package\_emp\_id),

package\_id decimal(12),

employee\_id decimal(12),

foreign key (package\_id) references Package(package\_id),

foreign key (employee\_id) references Employee(employee\_id)

);