

```
CREATE TABLE Customer(  
cus_code int primary key not null,  
cus_lname varchar(20),  
cus_fname varchar(20),  
cus_initial char,  
cus_areacode int,  
cus_phone int  
);
```

```
CREATE TABLE Invoice(  
inv_number int primary key not null,  
cus_code int ,  
inv_date DATE,  
foreign key (cus_code) references Customer(cus_code)  
);
```

```
CREATE TABLE Vendor(  
vend_code int primary key not null,  
vend_name varchar(30),  
vend_contact varchar(30),  
vend_areacode int,  
vend_phone int  
);
```

```
CREATE TABLE Product(  
prod_code int primary key not null,  
prod_desc varchar(50),  
prod_price int,  
prod_quant int,  
vend_code int,  
foreign key (vend_code) references Vendor(vend_code)  
);
```

```
CREATE TABLE Line(  
inv_number int primary key,  
prod_code int,  
line_units int,  
foreign key (inv_number) references Invoice(inv_number),  
foreign key (prod_code) references Product (prod_code) );
```

```
INSERT INTO Customer  
(cus_code,cus_lname,cus_fname,cus_initial,cus_areacode,cus_phone)  
VALUES  
(10010,'Ramas','Paul','A',615,8442573),
```

```
(10011,'Dunne','Leona','K',713,8941238),  
(10012,'Smith','Kathy','W',615,8942285),  
(10013,'Olowski','Paul','F',615,2221672),  
(10014,'Orlando','Myron',NULL,615,2971228);
```

```
INSERT INTO Invoice  
  (inv_number,cus_code,inv_date)  
VALUES  
  (1001,10011,'2018-01-03'),  
  (1002,10014,'2016-08-04'),  
  (1003,10012,'2017-03-20'),  
  (1004,10014,'2018-01-13');
```

```
INSERT INTO Vendor  
  (vend_code,vend_name,vend_contact,vend_areacode,vend_phone)  
VALUES  
  (232,'Bryson','Smith',615,2233234),  
  (235,'SuperLoo','Anderson',615,2158995),  
  (236,'Brett','Manko',612,3458695);
```

```
INSERT INTO Product  
  (prod_code,prod_desc,prod_price,prod_quant,vend_code )  
VALUES  
  (12321,'hammer',189,20,232),  
  (65781,'chain',12,45,235),  
  (34256,'tape',35,60,235),  
  (83456,'saw',165,15,236),  
  (12333,'hanger',200,10,232);
```

```
INSERT INTO Line  
  (inv_number,prod_code,line_units)  
VALUES  
  (1001,12321,1),  
  (1003,83456,2),  
  (1002,34256,6);
```

```
INSERT INTO Customer  
  (cus_code,cus_lname,cus_fname,cus_initial,cus_areacode,cus_phone)  
VALUES (10011,'Juan', 'Rodriguez', 'J',612, 7788776);
```

```
INSERT INTO Invoice  
  (inv_number,cus_code,inv_date)  
VALUES  
  (1005,10012,'2017-11-30');
```

```
INSERT INTO Product
(prod_code,prod_desc,prod_price,prod_quant,vend_code )
VALUES
(12321,'nail', 9, 23, 236);
```

```
INSERT INTO Vendor
(vend_code,vend_name,vend_contact,vend_areacode,vend_phone)
VALUES
(231,'Adam','Eric', 615, 2158995);
```

```
INSERT INTO Product
(prod_code,prod_desc,prod_price,prod_quant,vend_code )
VALUES
(12322,'coil',189, 20, 237);
```