**create** **table** product(

id **int** **primary** **key**,

product\_id **varChar**(10),

product\_name **varChar**(50) **not** **null**,

product\_stock **int** **not** **null**,

product\_price **float** **not** **null**

)

**create** **table** wholesellers(

id **int** **primary** **key**,

wholeseller\_id **int** **not** **null**,

wholeseller\_name **varChar**(25) **not** **null**,

wholeseller\_location **varChar**(20) **not** **null**,

**constraint** fk\_wholeseller\_id **foreign** **key** (wholeseller\_id) **references** product(id)

)

**create** **table** wholesellerproducts(

id **int** **primary** **key**,

wholeseller\_id **int** **not** **null**,

product\_id **int** **not** **null**,

product\_stock **int** **not** **null**,

product\_price **float** **not** **null**,

**constraint** fk\_wholeseller\_id **foreign** **key** (wholeseller\_id) **references** wholesellers(id)

)

**create** **table** retailers(

id **int** **primary** **key**,

retailer\_id **int** **not** **null**,

retailer\_name **varChar**(25) **not** **null**,

retailer\_location **varChar**(20) **not** **null**,

**constraint** fk\_retailer\_id **foreign** **key** (retailer\_id) **references** wholesellers(id)

)

**create** **table** retailerproducts(

id **int** **primary** **key**,

retailer\_id **int** **not** **null**,

product\_id **int** **not** **null**,

product\_stock **int** **not** **null**,

product\_price **float** **not** **null**,

**constraint** fk\_retailer\_id **foreign** **key** (retailer\_id) **references** retailers(id)

)

**alter** **table** product

**alter** **column** product\_id **type** **int** **using** product\_id::**int**;

**insert** **into** product (id,product\_id,product\_name,product\_stock,product\_price)

**values**

(1,101,'MacBook Pro',1000,30000),

(2,102,'Amazon Fire Tv Stick',1000,8000),

(3,101,'Oneplus 10 Pro',1000,20000),

(4,101,'Iphone 10',1000,15000),

(5,101,'Airpods Pro',1000,8000),

(6,101,'Alexa',1000,5000);

**insert** **into** wholesellers (id,wholeseller\_id,wholeseller\_name,wholeseller\_location)

**values**

(1,1,'Amazon','Chennai'),

(2,2,'Flipkart','Coimbatore'),

(3,3,'Blibli','Bangalore');

**insert** **into** retailers (id,retailer\_id,retailer\_name,retailer\_location)

**values**

(1,1,'Poorvika Mobiles','Chennai'),

(2,2,'Chennai Mobiles','Chennai'),

(3,3,'Supreme Mobiles','Coimbatore');

**update** product

**set** product\_price = 3000

**WHERE** id = 6;

**delete** **from** product

**where** id = 6;