

```
create database Jarir_Store;
```

```
create table Customer(  
    id int primary key ,  
    name varchar(30) not null ,  
    balance int default 0,  
    password varchar(30) not null ,  
    email varchar(30) not null unique  
);
```

```
create table Buy(  
    id int primary key ,  
    buy_date date not null ,  
    customer_id int not null ,  
    foreign key (customer_id) references Customer(id),  
    items_id int not null ,  
    foreign key (items_id) references Items(id)  
);
```

```
create table Items(  
    id int primary key ,  
    price int not null ,  
    numberOfItem int not null default 0,  
    name varchar(20) not null  
);
```

```
create table Category(  
    id int primary key ,  
    name varchar(20) not null unique ,  
    numberOfEmployee int default 0,  
    numberOfItems int default 0  
);
```

```
create table Employee(  
    id int primary key ,  
    role varchar(20) check ( role = 'Manager' or role = 'employee'  
) ,  
    name varchar(20) not null ,  
    age int not null check ( age >=20 ),  
    category_id int not null ,  
    foreign key (category_id) references Category(id)  
);
```

```
select * from Customer;  
select * from Buy;  
select * from Items;  
select * from Category;  
select * from Employee;
```

```
insert into Customer values (
```

```
98223,'hashim',500,'hj443984','jfdj@fjkfd.com'  
);
```

```
insert into Customer values (  
    01293,'ali',0,'38923jierej','jeklre@perpo.com'  
);
```

```
insert into Customer values (
```

```
57543,'fisal',1300,'0943lkeew','jeklewl@oewowqpw.com'  
);
```

```
insert into Customer values (
```

```
854034,'Mohammed',4000,'je32230','ewkjewkw@jker.com'  
);
```

```
insert into Customer values (
```

```

32091,'baroom',1600,'kle43413','jejewj@kjekjw.com'
    );
UPDATE Customer SET id = 023884,name = 'updateHashim',
balance = 8000,password = '23jjwe32',
email='fjdjkd@jkejk.com' WHERE id = 98223;
delete from Customer where id = 57543;
select * from Customer;
insert into Items values (
    237832,700,10,'TV'
    );
insert into Items values (
    4393002,2300,80,'Table'
    );
insert into Items values (
    0129283,200,2,'Bag'
    );
insert into Items values (
    203932,70,150,'Book'
    );
insert into Items values (
    32832,4,300,'pen'
    );
UPDATE Items SET id = 023884,price = 200, numberOfItem =
101,name = 'Tablet' WHERE id = 237832;
delete from Items where id = 32832;
select * from Items;
insert into Buy values (
    43989,'2012-04-03',01293,0129283
    );
insert into Buy values (
    42094430,'2023-11-18',01293,4393002
    );
insert into Buy values (

```

```

        12434,'2022-09-14',57543,203932
    );
insert into Buy values (
        090892,'2019-03-24',854034,237832
    );
insert into Buy values (
        872135,'2019-07-22',32091,32832
    );
UPDATE Buy SET id = 239830,buy_date = '2024-11-
22',Buy.customer_id =854034 ,items_id = 32832 WHERE id =
12434;
delete from Buy where id = 43989;
select * from Buy;
insert into Category values (
        019238,'Electronics',10,123
    );
insert into Category values (
        090121,'School Supplies',2,400
    );
insert into Category values (
        3239823,'Books and Magazines',3,43
    );
insert into Category values (
        558342,'Games',9,200
    );
insert into Category values (
        028946,'Office Furniture',5,120
    );
UPDATE Category SET id = 238320,name = 'updated
School',numberOfEmployee =7 ,numberOfItems = 167 WHERE
id = 090121;
delete from Category where id = 238320;
select * from Category;

```

```
insert into Employee values (  
    093298,'Manager','Mohammed',45,3239823  
);  
insert into Employee values (  
    894389,'employee','Ali',25,558342  
);  
insert into Employee values (  
    109543,'employee','Ahmed',22,028946  
);  
insert into Employee values (  
    939023,'employee','Osama',29,019238  
);  
insert into Employee values (  
    23332,'employee','Waleed',22,090121  
);  
UPDATE Employee SET id = 128439,role = 'Manager',name  
='updated Waleed' ,age = 29,category_id = 3239823 WHERE id  
= 23332;  
delete from Employee where id = 894389;  
select * from Employee;
```

## Customer

	id	name	balance	password	email
1	۱۷۹۳	ali		38923jierej	jeklre@perpo.com
2	۷۳۸۸۴	updateHashim	۸۰۰	23jjwe32	fjdjkd@jkejk.com
3	۳۷۰۹۱	baroom	۱۱۰۰	kLe43413	jejewj@kjekjw.com
4	۸۰۴۰۳۴	Mohammed	۴۰۰	je32230	ewkjewkw@jker.com

## Buy

	id	buy_date	customer_id	items_id
1	۹۰۸۹۷	۷۴-۰۳-۲۰۱۹	۸۰۴۰۳۴	۷۳۷۸۳۷
2	۷۳۹۸۳۰	۷۷-۱۱-۲۰۲۴	۸۰۴۰۳۴	۳۷۸۳۷
3	۸۷۷۱۳۰	۷۷-۰۷-۲۰۱۹	۳۷۰۹۱	۳۷۸۳۷
4	۴۷۰۹۴۴۳۰	۱۸-۱۱-۲۰۲۳	۱۷۹۳	۴۳۹۳۰۰۷

## Items

	id	price	numberOfItem	name
1	۱۷۹۷۸۳	۲۰۰		Bag
2	۷۰۳۹۳۷	۷۰	۱۰۰	Book
3	۷۳۷۸۳۷	۷۰۰	۱۰	TV
4	۴۳۹۳۰۰۷	۷۳۰۰	۸۰	Table

## Category

	id	name	numberOfEmployee	numberOfItems
1	۱۹۷۳۸	Electronics	۱۰	۱۷۳
2	۷۸۹۴۶	Office Furniture	۰	۱۷۰
3	۰۰۸۳۴۷	Games	۹	۷۰۰
4	۳۷۳۹۸۷۳	Books and Magazines	۳	۴۳

## Employee

Output jarir\_store.employee x

	id	role	name	age	category_id
1	93298	Manager	Mohammed	40	323822
2	109043	employee	Ahmed	22	28946
3	128439	Manager	updated Waleed	29	323822
4	939023	employee	Osama	29	19238