Create database jms;

Use jms;

Create table colonies(

Colony\_id int auto\_increment primary key,

Colony\_name varchar(40) not null,

Colony\_code varchar(20) not null

);

Create table items (

Item\_id int auto\_increment primary key ,

Item\_name varchar(30) not null ,

Item\_code varchar(20) not null,

unit\_prize float not null default 0

);

Create table order\_Status(

Order\_status\_id int not null auto\_increment primary key,

Order\_status varchar(15) not null

);

Insert into order\_status

(order\_status) values

(“pending”), (“completed”);

Create table addresses(

Address\_id int not null auto\_increment primary key ,

Area varchar(30) not null,

Phase\_block\_gali varchar(15) not null,

Colony\_id int not null,

Floor int default 0,

House\_number varchar(20) not null,

Constraint fk\_addresses\_colonies Foreign key (Colony\_id) references Colonies(colony\_id)

);

Create table users(

User\_id varchar(40) not null primary key ,

User\_name varchar(40) not null ,

Whatsapp\_number varchar(12) ,

mobile\_number varchar(12),

Address\_id int not null ,

Constraint fk\_users\_addresses foreign key (address\_id) references Addresses(address\_id)

);

Create table bills(

Bill\_number int not null auto\_increment primary key ,

User\_id varchar(40) not null ,

Bill\_amount float not null ,

Date date not null ,

Time time,

Order\_status\_id int default 1,

Constraint fk\_bills\_users foreign key (user\_id ) references users (User\_id),

Constraint fk\_bills\_order\_status foreign key (order\_status\_id ) references order\_status (order\_status\_id)

);

Create table bill\_descriptions(

Bill\_number int not null ,

Item\_id int not null ,

Quantity float default 1,

Unit\_prize float not null default 1,

Constraint fk\_bill\_descriptions\_bills foreign key (bill\_number) references bills (bill\_number),

Constraint fk\_bill\_descriptions\_items foreign key (item\_id) references items(item\_id)

);

Alter table items

Add unique (item\_code);

Alter table colonies

Add unique (colony\_code);

Select \* from colonies;

Select \* from users;

Select \* from items;

Select \* from bills;

Select \* from order\_status;

Select \* from addresses;

Select \* from bill\_descriptions;

Desc colonies;

Desc users;

Desc bills;

Desc bill\_descriptions;

Desc addresses;

Desc items;

Delete from users;

Delete from addresses ;

Delete from colonies;

Alter table users auto\_increment =0;

Alter table addresses auto\_increment =0;

Alter table colonies auto\_increment =0;

Alter table users add column serial\_number int not null ;