create database oorg;

use oorg;

create table user(

id int auto\_increment primary key,

name varchar(250) not null,

phone varchar(50) not null,

email varchar(100) not null unique,

address varchar(200)

);

create table mobile(

id int auto\_increment primary key,

name varchar(250) not null unique,

spec varchar(200) not null

);

create table mobilevarient(

id int auto\_increment primary key,

mobile\_id int not null,

color varchar(100) not null,

price int not null,

foreign key (mobile\_id) references mobile(id) on delete cascade

);

create table orders(

id int auto\_increment primary key,

user\_id int not null,

mobile\_id int not null,

delivery\_address varchar(300) not null,

status varchar(200) default "order placed",

foreign key (user\_id) references user(id) on delete cascade,

foreign key (mobile\_id) references mobilevarient(id) on delete cascade

);

create table offers(

id int auto\_increment primary key,

mobile\_id int not null,

disc\_price int not null,

start\_date date not null,

end\_date date not null,

foreign key (mobile\_id) references mobilevarient(id) on delete cascade

);

create table reviews(

id int auto\_increment primary key,

user\_id int not null,

mobile\_id int not null,

comment varchar(300) not null,

rating int not null,

foreign key (user\_id) references user(id) on delete cascade,

foreign key (mobile\_id) references mobilevarient(id) on delete cascade,

check(rating<6)

);

show tables;