

```
drop table customer;
drop table discounts;
drop table storediscounts;
drop table storedepartment;
drop table restaurants;
drop table rcategory;
drop table dishes;
drop table review;
drop table cart;
drop table cartdish;
drop table order_table;
drop table sysdish;
drop table paymentrecord;
drop table message;
drop table states;
drop table tax_table;
```

```
create table customer
(
customerID number primary key,
Cname varchar2(50),
address varchar2(50),
zipcode number(6),
state VARCHAR2(50),
email VARCHAR2(50) unique,
credit int
);
```

```
create table discounts
(
Discountid int primary key,
Discount_description VARCHAR2(50),
Discount_type number(1)
);
```

```
create table storediscounts
(
storediscounts int primary key,
customerid int,
discountid int,
dstartdate date,
denddate date,
foreign key (customerid) references customer(customerid),
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```
foreign key (discountid) references discounts(discountid)
);
```

```
create table storedepartment
(
categoryid int primary key,
categoryname VARCHAR2(50)
);
```

```
create table restaurants
(
restaurantid int PRIMARY KEY,
restaurantname varchar2(50),
raddress VARCHAR2(100),
rphonenumber VARCHAR2(100),
current_status varchar2(10),
rzipcode int,
rstate VARCHAR2(20),
avgwaittime number(10,2),
avgreviewscore decimal(3,1)
);
```

```
alter table restaurants
add CONSTRAINT f_rstate foreign key (rstate) references states(statename);
```

```
create table rcategory
(
rcategoryid int primary key,
restaurantid int,
category varchar2(50),
foreign key (restaurantid) references restaurants(restaurantid)
);
```

```
create table dishes
(dishid int primary key,
restaurantid int,
dishanme varchar2(50),
price decimal(10,2),
foreign key (restaurantid) references restaurants(restaurantid)
);
```

```
create table review
```

```
(
reviewid int primary key,
customerid int,
restaurantid int,
reviewdate date,
reviewscore decimal(3,1),
comments varchar2(100),
foreign key (customerid) references customer(customerid),
foreign key (restaurantid) references restaurants(restaurantid)
);
```

```
create table cart
(
cartid int primary key,
customerid int,
restaurantid int,
foreign key (customerid) references customer(customerid),
foreign key (restaurantid) references restaurants(restaurantid)
);
```

```
create table cartdish
(
cartdish int primary key,
cartid int,
dishid int,
quantity int,
foreign key (cartid) references cart(cartid),
foreign key (dishid) references dishes(dishid)
);
```

```
create table order_table
(
orderid int primary key,
customerid int,
restaurantid int,
ordertime TIMESTAMP,
deliverytime TIMESTAMP,
estimatedtime TIMESTAMP,
order_status varchar2(50),
payment_status varchar2(20),
delivery_method number(1),
totalcost decimal(10,2),
foreign key (customerid) REFERENCES customer(customerid),
foreign key (restaurantid) references restaurants(restaurantid)
);
```

```
create table sysdish
(
sysdishid int primary key,
orderid int,
dishid int,
foreign key (orderid) REFERENCES order_table(orderid),
foreign key (dishid) REFERENCES dishes(dishid)
);
```

```
create table payments
(
paymentid int primary key,
customerid int,
paymenttime TIMESTAMP,
orderid int,
amount decimal(10,2),
paymentmethod varchar2(50),
foreign key (customerid) REFERENCES customer(customerid),
foreign key (orderid) references order_table(orderid),
CONSTRAINT chk_paymentmethod CHECK (paymentmethod='credit' or
paymentmethod='debit' or paymentmethod='apple pay' or paymentmethod='paypal')
);
```

```
create table message
(
message_id int primary key,
customerid int,
message_time TIMESTAMP,
message_body varchar2(100),
foreign key (customerid) REFERENCES customer(customerid)
);
```

```
create table states
(
statename varchar2(50) primary key
);
```

```
create table tax_table
(
taxid int primary key,
rate decimal(3,2),
state varchar2(50),
```

```
foreign key (state) references states(statename)
);
```

```
alter table storedepartment
add restaurantid int;
```

```
alter table storedepartment
add CONSTRAINT f_restaurantid foreign key (restaurantid) references
restaurants(restaurantid);
```