

SQL/PLSQL code

```
CREATE TABLE Admin(  
Admin_id number(8) primary key,  
Admin_name varchar(15) NOT NULL,  
Admin_password varchar(16) NOT NULL  
);
```

```
INSERT INTO Admin VALUES (001,'Team-MEM','MEM@123');
```

```
CREATE TABLE customer(  
customer_id number(8) primary key,  
customer_firstname varchar(30) NOT NULL,  
customer_lastname varchar(30) NOT NULL,  
customer_password varchar(16) NOT NULL,  
customer_phoneno varchar(10) NOT NULL,  
customer_address varchar(50) NOT NULL,  
customer_email varchar(20) NOT NULL,  
Admin_id int references Admin(Admin_id)  
);
```

```
INSERT INTO customer VALUES (101,'Harsh','Mehta','harsh@123',7435068222,'1st Cross,Rammurthy nagar,Bangalore',  
'harsh19@gmail.com',001);  
INSERT INTO customer VALUES (102,'Jainam','Shah','Jainu@123',9924567892,'117, Examiner Road, Fort,Mumbai,  
Maharashtra','lainam33@gmail.com',001);  
INSERT INTO customer VALUES (103,'Aman','Pandya','Aman@123',7834578923,'L 69 Sector 11,Delhi,Uttar Pradesh-  
201301','aman@gmail.com',001);  
INSERT INTO customer VALUES (104,'Heer','Madia','Her@123',8902345789,'Bee H-138, Kodambakkam Road,Chennai,  
Tamil Nadu','heer1723@gmail.com',001);  
INSERT INTO customer VALUES (105,'Akanksha','Yadav','Akayad@123',9934654001,'295 AjRoad:10, West Hydrebad,  
Andhra Pradesh','akuu@gmail.com',001);  
INSERT INTO customer VALUES (106,'Karan','Punjabi','karpun@123',9934688001,'Nirmal House Opp Jain Mandir  
,Jalandhar,Punjab','karan12@gmail.com',001);  
INSERT INTO customer VALUES (107,'Divya','Mulchandani','divmul@123',9874688001,'A/3, Tejpal Indl Estate,Andheri  
(west),Maharashtra','div3421@gmail.com',001);  
INSERT INTO customer VALUES (108,'Celia','Anthony','Celia@123',7834654881,'134,14,Nagarathpet Main  
Road,Bangalore,Karnataka','Celia44@gmail.com',001);  
INSERT INTO customer VALUES (109,'Johnson','Thomas','Jthomas@123',9931888912,'A/108  
Paldi,Ahmedabad,Gujrat','jthomas550@gmail.com',001);  
INSERT INTO customer VALUES (110,'Dhara','Mohan','BhatrDhara@1231',9875678001,'66 Sector 24 Mujessar,Ram  
Colony,Delhi,Haryana','dbhatt45@gmail.com',001);
```

```

CREATE TABLE restaurant(
Admin_id number(8) references Admin(Admin_id),
restaurant_id number(8) primary key,
restaurant_name varchar(20) NOT NULL,
restaurant_address varchar(50) NOT NULL,
restaurant_password varchar(16) NOT NULL,
restaurant_phoneno varchar(10) NOT NULL
);

```

```

INSERT INTO restaurant VALUES(001,111,'Hot chilly','66,Residency Rd. Bengaluru, Karnataka','hc@111',8066604545);
INSERT INTO restaurant VALUES(001,112,'Hatch','F-30,Sampige Rd,Bengaluru,Karnataka','Hat@112',8762203148);
INSERT INTO restaurant VALUES(001,113,'Spice Terrace','24,Ashok nagar , ludhiana ,Punjab','Spi@113',8067189999);
INSERT INTO restaurant VALUES(001,114,'Yay Mumbar','Raheja Tower, Bandra East, Mumbai,Maharashtra','Yay@114',9222222800);
INSERT INTO restaurant VALUES(001,115,'UmniraoX','7-215 Andheri east,Maharashtra','Umn@123',9773817937);
INSERT INTO restaurant VALUES(001,116,'Sowento','Level-8, Connaught Place, New Delhi, Delhi','Sow@116',1141191040);
INSERT INTO restaurant VALUES(001,117,'Taj Hotel','154 Khan Market, India Gate, New Delhi. Delhi','tajr@117',1166566162);
INSERT INTO restaurant VALUES(001,118,'Anna Restaurant','Spur Tank road. Chennai, Tamil Nadu','Anna@118',4428368333);
INSERT INTO restaurant VALUES(001,119,'Rajwadii','Behind uth-Temple, Ahmedabad, Gujarat','Raj@119',7926643839);
INSERT INTO restaurant VALUES(001,120,'Kobe sizzler','Vasna Rd. Wake.Society.Nagar Himachal pradesh','Kobe@120',8889323457);

```

```

CREATE TABLE category(
category_id number(8) primary key,
category_name varchar(15) NOT NULL,
restaurant_id number(8) references restaurant(restaurant_id)
);

```

```

INSERT INTO category VALUES (201,'SOUTH-INDIAN','112');
INSERT INTO category VALUES (202,'NORTH-INDIAN','111');
INSERT INTO category VALUES (203,'ITALIAN','115');
INSERT INTO category VALUES (204,'CHINESE','113');
INSERT INTO category VALUES (205,'KATHIAWADI','114');
INSERT INTO category VALUES (206,'SNACKS','118');
INSERT INTO category VALUES (207,'BEVRAGES','119');
INSERT INTO category VALUES (208,'DESSERTS','120');
INSERT INTO category VALUES (209,'ALL ','116');
INSERT INTO category VALUES (210,'CONTINENTAL','117');

```

```

CREATE TABLE Menu_items(
item_code number(8) primary key,
item_name varchar(20) NOT NULL,
Price number(8) NOT NULL,
category_id number(8) references category(category_id)
);

```

```

INSERT INTO Menu_items VALUES(301,'White Pasta',230,203);
INSERT INTO Menu_items VALUES(302,'Arabita Pasta',200,203);
INSERT INTO Menu_items VALUES(303,'Magherita pizza',400,203);
INSERT INTO Menu_items VALUES(304,'gotala dosa',300,201);
INSERT INTO Menu_items VALUES(305,'uttampam',115,201);
INSERT INTO Menu_items VALUES(306,'idli-sambhar',120,201);
INSERT INTO Menu_items VALUES(307,'aloo-cheese paratha',120,202);

```

```

INSERT INTO Menu_items VALUES(308,'Paneer pasanda',250,202);
INSERT INTO Menu_items VALUES(309,'chole kulche',100,202);
INSERT INTO Menu_items VALUES(310,'Dry manchrian',200,204);
INSERT INTO Menu_items VALUES(311,'CHINESE BHEL',150,204);
INSERT INTO Menu_items VALUES(312,'Fried rice',210,204);
INSERT INTO Menu_items VALUES(313,'lasaniya bataka',250,205);
INSERT INTO Menu_items VALUES(314,'rigan no olo',300,205);
INSERT INTO Menu_items VALUES(315,'sev tameta nu shaak',220,205);
INSERT INTO Menu_items VALUES(316,'waffle',220,208);
INSERT INTO Menu_items VALUES(317,'chocolate brownie',115,208);
INSERT INTO Menu_items VALUES(318,'pancakes',120,208);
INSERT INTO Menu_items VALUES(319,'burger',55,206);
INSERT INTO Menu_items VALUES(320,'french fries',100,206);
INSERT INTO Menu_items VALUES(321,'muskabun',25,206);
INSERT INTO Menu_items VALUES(322,'peach mojito ',180,207);
INSERT INTO Menu_items VALUES(323,'hazlenut coffee',135,207);
INSERT INTO Menu_items VALUES(324,'kewi juice',90,207);
INSERT INTO Menu_items VALUES(325,'French toast',100,210);
INSERT INTO Menu_items VALUES(326,'Pancakes ',180,209);
INSERT INTO Menu_items VALUES(327,'Steaks',335,210);

```

```

CREATE TABLE Payment_details(
payment_id number(8) primary key,
payment_mode varchar(15) NOT NULL,
payment_timestamp timestamp NOT NULL
);

```

```

INSERT INTO Payment_details VALUES (501,'Online','15-JAN-2022 11:12:33')
INSERT INTO Payment_details VALUES (502,'COD','11-FEB-2022 9:06:30');
INSERT INTO Payment_details VALUES (503,'CARD','22-JUN-2022 1:10:22');
INSERT INTO Payment_details VALUES (504,'COD','02-APR-2021 5:12:03');
INSERT INTO Payment_details VALUES (506,'COD','27-JUL-2021 01:13:13');
INSERT INTO Payment_details VALUES (507,'CARD','09-MAY-2022 09:08:48');
INSERT INTO Payment_details VALUES (508,'COD','28-DEC-2021 10:07:53');
INSERT INTO Payment_details VALUES (509,'Online','05-MAR-2022 7:17:37');
INSERT INTO Payment_details VALUES (510,'CARD','16-JAN-2022 9:19:22');

```

```

CREATE TABLE delivery_details(
delivery_id number(8) primary key,
delivery_address varchar(50) NOT NULL,
delivery_status varchar(30) NOT NULL
);

```

```

INSERT INTO delivery_details VALUES (401,'Akshya Nagar 1st Block 1st Cross nagar,Bangalore','Delivered');
INSERT INTO delivery_details VALUES (402,'Nirmal House, Thane ,Mumbai,Maharashta','Delivered');
INSERT INTO delivery_details VALUES (403,'L 69 Sector 11,Delhi,Uttar Pradesh','Preparing');
INSERT INTO delivery_details VALUES (404,'B_h 138, Kodambakkam High Road,Chennai,Tamil Nadu','Picked-up');
INSERT INTO delivery_details VALUES (405,'295 Aj-kauser Hydrebad,Andhra Pradesh','Delivered');
INSERT INTO delivery_details VALUES (406,'117,Nagindas Road,Mumbai,Maharashtra','preparing');
INSERT INTO delivery_details VALUES (407,'A13, Tejpal Indl Estate, Mumbai, Maharashtra','Preparing');
INSERT INTO delivery_details VALUES (408,'134/135 Nagarathpet,Banglore,Karnataka','Delivered');
INSERT INTO delivery_details VALUES (409,'66 Sector 24, Ram Colony,Delhi,Haryana','Picked-up');
INSERT INTO delivery_details VALUES (410,'A/108, Paldi,Ahmeadabad,Gujrat','Picked-up');

```

```
CREATE TABLE Order_details(  
Order_id number(8) primary key,  
Order_time timestamp,  
Order_amount number(8) NOT NULL,  
Order_status varchar(20) NOT NULL,  
customer_id number(8) references customer(customer_id),  
delivery_id number(8) references delivery_details(delivery_id),  
payment_id number(8) references Payment_details(payment_id)  
restaurant_id number(8) references restaurant(restaurant_id)  
);
```

```
INSERT INTO Order_details VALUES (601,'11-FEB-2022 9:06:30','240','Preparing',101,401,501,111);  
INSERT INTO Order_details VALUES (603,'02-APR-2021 5:12:03','345', 'delivered',103,409,503,117);  
INSERT INTO Order_details VALUES (604,'27-JUL-2021 01:13:13','400', 'preparing', 104,404,504,112);  
INSERT INTO Order_details VALUES (605,'09-MAY-2022 09:08:48','250', 'delivered',104,404,509,119);  
INSERT INTO Order_details VALUES (606,'28-DEC-2021 10:07:53','230', 'preparing', 106,406,506,114);  
INSERT INTO Order_details VALUES (607,'05-MAR-2022 7:17:37','300', 'del ivered',108 ,408 ,507,113);  
INSERT INTO Order_details VALUES (608,'16-JAN-2022 9:19:22','50', 'preparing',109,410,508,120);
```

```
CREATE TABLE Orders(  
quantity number(8) NOT NULL,  
Order_id number(8) references Order_details(Order_id),  
item_code number(8) references Menu_items(item_code)  
);
```

```
INSERT INTO Orders VALUES (2,601,307);  
INSERT INTO Orders VALUES (3,603,305);  
INSERT INTO Orders VALUES(2,604,310);  
INSERT INTO Orders VALUES (1,605,313);  
INSERT INTO Orders VALUES(1,606,301);  
INSERT INTO Orders VALUES (3,607,306);  
INSERT INTO Orders VALUES(2,608,321);
```

```
CREATE TABLE Rating(  
ratings number(8) NOT NULL,  
customer_id number(8) references customer(customer_id),  
restaurant_id number(8) references restaurant(restaurant_id)  
);
```

```
INSERT INTO Rating VALUES (3,101,111);  
INSERT INTO Rating VALUES (4,102,114);  
INSERT INTO Rating VALUES (2,103,117);  
INSERT INTO Rating VALUES (4,104,120);  
INSERT INTO Rating VALUES (3,106,115);  
INSERT INTO Rating VALUES (4,108,113);  
INSERT INTO Rating VALUES (3,109,112);  
INSERT INTO Rating VALUES (4,110,119);  
INSERT INTO Rating VALUES (3,109,116);
```

SQL QUERIES /PL-SQL QUERIES

Live SQL

Feedback

Help

ekaur_be20@thapar.edu

SQL Worksheet

Clear

Find

Actions

Save

Run

1

CREATE TABLE Admin(
2 Admin_id number(8) primary key,
3 Admin_name varchar(15) NOT NULL,
4 Admin_password varchar(16) NOT NULL
5);
6
7 INSERT INTO Admin VALUES (001,'Team-MEM','MEM@123');
8

Table created.

1 row(s) inserted.

SQL Worksheet

```
1 CREATE TABLE customer(  
2 customer_id number(8) primary key,  
3 customer_firstname varchar(30) NOT NULL,  
4 customer_lastname varchar(30) NOT NULL,  
5 customer_password varchar(16) NOT NULL,  
6 customer_phoneno varchar(10) NOT NULL,  
7 customer_address varchar(50) NOT NULL,  
8 customer_email varchar(20) NOT NULL,  
9 Admin_id int references Admin(Admin_id)  
10 );
```

Table created.

[illegible]

Live SQL

FeedbackHelpekaur_bc20@thapar.edu

SQL Worksheet

ClearFindActionsSaveRun

```
1 CREATE TABLE restaurant(
2 Admin_Id number(5) references Admin(Admin_Id),
3 restaurant_id number(8) primary key,
4 restaurant_name varchar(40) NOT NULL,
5 restaurant_address varchar(50) NOT NULL,
6 restaurant_password varchar(16) NOT NULL,
7 restaurant_phoneno varchar(10) NOT NULL
8 );
9 INSERT INTO restaurant VALUES(001,111,'Hot chilly','66,Residency Rd. Bengaluru, Karnataka','hc@111',8866080545);
10 INSERT INTO restaurant VALUES(001,112,'Hatch','F-36,Sange Rd,Bengaluru,Karnataka','Hatch112',8702203148);
11 INSERT INTO restaurant VALUES(001,113,'Spice Terrace','24,ishok nagar , Ludhiana ,Punjab', 'Sol@113',8867189999);
12 INSERT INTO restaurant VALUES(001,114,'Vay Numban', 'Rajeha Tower, Sandra East, Mumbai,Maharashtra', 'vay@114',95222222800);
13 INSERT INTO restaurant VALUES(001,115,'Umrirack','7-215 Andheri east,Maharashtra', 'umr@123',9773817937);
14 INSERT INTO restaurant VALUES(001,116,'Soweto','Level-8, Connaught Place, New Delhi, Delhi', 'Sow@116',1141191040);
15 INSERT INTO restaurant VALUES(001,117,'Taj Hotel','154 Khan Market, India Gate, New Delhi, Delhi','tajr@117',1106566162);
16 INSERT INTO restaurant VALUES(001,118,'Anna Restaurant','Spur Tank road, Chennai, Tamil Nadu','Anna@118',4426368333);
17 INSERT INTO restaurant VALUES(001,119,'Rajwadi','Behind uch-Temple, Ahmedabad, Gujarat', 'Raj@119',7926643839);
18 INSERT INTO restaurant VALUES(001,120,'Kobe sizzler','Vasna Rd. Wake,Society,Nagar Himachal pradesh','Kobe@120',8889323457);
19
```

Table created.
1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

Live SQL

FeedbackHelpekaur_bc20@thapar.edu

SQL Worksheet

ClearFindActionsSaveRun

```
1 CREATE TABLE category(
2 category_id number(8) primary key,
3 category_name varchar(15) NOT NULL,
4 restaurant_id number(8) references restaurant(restaurant_id)
5 );
6
7 INSERT INTO category VALUES (201,'SOUTH-INDIAN','112');
8 INSERT INTO category VALUES (202,'NORTH-INDIAN','111');
9 INSERT INTO category VALUES (203,'ITALIAN','115');
10 INSERT INTO category VALUES (204,'CHINESE','113');
11 INSERT INTO category VALUES (205,'MEXICAN','114');
12 INSERT INTO category VALUES (206,'SHAKES','118');
13 INSERT INTO category VALUES (207,'BEVERAGES','119');
14 INSERT INTO category VALUES (208,'DESSERTS','120');
15 INSERT INTO category VALUES (209,'ALL','110');
16 INSERT INTO category VALUES (210,'CONTINENTAL','117');
```

Table created.
1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

1 row(s) Inserted.

SQL Worksheet

```
1 CREATE TABLE Menu_items(
2 item_code number(8) primary key,
3 item_name varchar(20) NOT NULL,
4 Price number(8) NOT NULL,
5 category_id number(8) references category(category_id)
6 );
7
```

Table created.



Live SQL

SQL Worksheet

```
1 INSERT INTO Menu_items VALUES(301,'White Pasta',230,203);
2 INSERT INTO Menu_items VALUES(302,'Arabita Pasta',200,203);
3 INSERT INTO Menu_items VALUES(303,'Magherita pizza',400,203);
4 INSERT INTO Menu_items VALUES(304,'gotala dosa',300,201);
5 INSERT INTO Menu_items VALUES(305,'uttampam',115,201);
6 INSERT INTO Menu_items VALUES(306,'idli-sambhar',120,201);
7 INSERT INTO Menu_items VALUES(307,'aloo-cheese paratha',120,202);
8 INSERT INTO Menu_items VALUES(308,'Paneer pasanda',250,202);
9 INSERT INTO Menu_items VALUES(309,'chole kulche',100,202);
10 INSERT INTO Menu_items VALUES(310,'Dry manchrian',200,204);
11 INSERT INTO Menu_items VALUES(311,'CHINESE BHEL',150,204);
12 INSERT INTO Menu_items VALUES(312,'Fried rice',210,204);
13 INSERT INTO Menu_items VALUES(313,'lasaniya bataka',250,205);
14 INSERT INTO Menu_items VALUES(314,'rigan no olo',300,205);
15 INSERT INTO Menu_items VALUES(315,'sev tameta nu shaak',220,205);
16 INSERT INTO Menu_items VALUES(316,'waffle',220,208);
17 INSERT INTO Menu_items VALUES(317,'chocolate brownie',115,208);
18 INSERT INTO Menu_items VALUES(318,'pancakes',120,208);
19 INSERT INTO Menu_items VALUES(319,'burger',55,206);
20 INSERT INTO Menu_items VALUES(320,'french fries',100,206);
21 INSERT INTO Menu_items VALUES(321,'muskabun',25,206);
22 INSERT INTO Menu_items VALUES(322,'peach mojito',180,207);
23 INSERT INTO Menu_items VALUES(323,'hazlenut coffee',135,207);
24 INSERT INTO Menu_items VALUES(324,'kewi juice',90,207);
25 INSERT INTO Menu_items VALUES(325,'French toast',100,210);
26 INSERT INTO Menu_items VALUES(326,'Pancakes',180,209);
27 INSERT INTO Menu_items VALUES(327,'Steaks',335,210);
```

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.



Live SQL

SQL Worksheet

```
1 CREATE TABLE Payment_details(
2 payment_id number(8) primary key,
3 payment_mode varchar(15) NOT NULL,
4 payment_timestamp timestamp NOT NULL
5 );
6
7 INSERT INTO Payment_details VALUES (501,'Online','15-JAN-2022 11:12:33');
8 INSERT INTO Payment_details VALUES (502,'COD','11-FEB-2022 9:06:30');
9 INSERT INTO Payment_details VALUES (503,'CARD','22-JUN-2022 1:10:22');
10 INSERT INTO Payment_details VALUES (504,'COD','02-APR-2021 5:12:03');
11 INSERT INTO Payment_details VALUES (506,'COD','27-JUL-2021 01:13:13');
12 INSERT INTO Payment_details VALUES (507,'CARD','09-MAY-2022 09:08:48');
13 INSERT INTO Payment_details VALUES (508,'COD','28-DEC-2021 10:07:53');
14 INSERT INTO Payment_details VALUES (509,'Online','05-MAR-2022 7:17:37');
15 INSERT INTO Payment_details VALUES (510,'CARD','16-JAN-2022 9:19:22');
```

Table created.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

SQL Worksheet

```

1 CREATE TABLE delivery_details(
2   delivery_id number(8) primary key,
3   delivery_address varchar(50) NOT NULL,
4   delivery_status varchar(30) NOT NULL
5 );
6
7 INSERT INTO delivery_details VALUES (401,'Akshya Nagar 1st Block 1st Cross nagar,Bangalore','Delivered');
8 INSERT INTO delivery_details VALUES (402,'Nirmal House, Thane ,Mumbai,Maharashta','Delivered');
9 INSERT INTO delivery_details VALUES (403,'L 69 Sector 11,Delhi,Uttar Pradesh','Preparing');
10 INSERT INTO delivery_details VALUES (404,'B_h 138, Kodambakkam High Road,Chennai,Tamil Nadu','Picked-up');
11 INSERT INTO delivery_details VALUES (405,'295 Aj-kauser Hydrebad,Andhra Pradesh','Delivered');
12 INSERT INTO delivery_details VALUES (406,'117,Nagindas Road,Mumbai,Maharashtra','preparing');
13 INSERT INTO delivery_details VALUES (407,'A13, Tejpal Indl Estate, Mumbai, Maharashta','Preparing');
14 INSERT INTO delivery_details VALUES (408,'134/135 Nagarathpet,Banglore,Karnataka','Delivered');
15 INSERT INTO delivery_details VALUES (409,'66 Sector 24, Ram Colony,Delhi,Haryana','Picked-up');
16 INSERT INTO delivery_details VALUES (410,'A/108, Paldi,Ahmeadabad,Gujrat','Picked-up');
17

```

Table created.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

SQL Worksheet

Clear Find Actions Save Run

```

1 CREATE TABLE Order_details(
2   Order_id number(8) primary key,
3   Order_time timestamp,
4   Order_amount number(8) NOT NULL,
5   Order_status varchar(30) NOT NULL,
6   customer_id number(8) references customer(customer_id),
7   delivery_id number(8) references delivery_details(delivery_id),
8   payment_id number(8) references Payment_Details(payment_id),
9   restaurant_id number(8) references restaurant(restaurant_id)
10 );
11

```

Table created.

SQL Worksheet

```

8
9 CREATE TABLE Orders(
10 quantity number(8) NOT NULL,
11 Order_id number(8) references Order_details(Order_id),
12 item_code number(8) references Menu_items(item_code)
13 );
14
15 INSERT INTO Orders VALUES (2,601,307);
16 INSERT INTO Orders VALUES (3,603,305);
17 INSERT INTO Orders VALUES (2,604,310);
18 INSERT INTO Orders VALUES (1,605,313);
19 INSERT INTO Orders VALUES (1,606,301);
20 INSERT INTO Orders VALUES (3,607,306);
21 INSERT INTO Orders VALUES (2,608,321);
22
23

```

Table created.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

SQL Worksheet

```

35 CREATE TABLE Rating(
36 ratings number(8) NOT NULL,
37 customer_id number(8) references customer(customer_id),
38 restaurant_id number(8) references restaurant(restaurant_id)
39 );
40
41 INSERT INTO Rating VALUES (3,101,111);
42 INSERT INTO Rating VALUES (4,102,114);
43 INSERT INTO Rating VALUES (2,103,117);
44 INSERT INTO Rating VALUES (4,104,120);
45 INSERT INTO Rating VALUES (3,106,115);
46 INSERT INTO Rating VALUES (4,108,113);
47 INSERT INTO Rating VALUES (3,109,112);
48 INSERT INTO Rating VALUES (4,110,119);
49 INSERT INTO Rating VALUES (3,109,116);
50
51

```

Table created.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

1 row(s) inserted.

#retrieve data for restaurant id 117

SQL Worksheet

```
1 select * from restaurant where restaurant_id ='117';
```

ADMIN_ID	RESTAURANT_ID	RESTAURANT_NAME	RESTAURANT_ADDRESS	RESTAURANT_PASSWORD	RESTAURANT_PHONENO
1	117	Taj Hotel	154 Khan Market, India Gate, New Delhi. Delhi	tajr@117	1166566162

[Download CSV](#)

#Retrieve the item name,price,quantity,order status and total amount of order when menu item matches the order details

SQL Worksheet

Clear

Find

Actions

Save

Run

```
1 select item_name,price,quantity,order_status,order_amount
2 from Menu_items m,Orders o,Order_details od
3 where m.item_code=o.item_code AND o.order_id=od.order_id
```

ITEM_NAME	PRICE	QUANTITY	ORDER_STATUS	ORDER_AMOUNT
White Pasta	230	1	preparing	230
uttampam	115	3	delivered	345
idli-sambhar	120	3	del ivered	300
aloo-cheese paratha	120	2	Preparing	240
Dry manchrian	200	2	preparing	400
lasaniya bataka	250	1	delivered	250
muskabun	25	2	preparing	50

[Download CSV](#)

7 rows selected.

#alter table

```
1 alter table customer modify customer_address varchar(60) |
```

Table altered.

#

SQL Worksheet

```
1 select item_name,category_name,price
2 from category c,Menu_items m
3 where m.category_id=c.category_id
4 and price >'250'
```

ITEM_NAME	CATEGORY_NAME	PRICE
gotala dosa	SOUTH-INDIAN	300
Magherita pizza	ITALIAN	400
rigan no olo	KATHIAWADI	300
Steaks	CONTINENTAL	335

[Download CSV](#)

4 rows selected.

#order by

```
1 select * from Menu_items order by price
```

ITEM_CODE	ITEM_NAME	PRICE	CATEGORY_ID
321	muskabun	25	206
319	burger	55	206
324	kewi juice	90	207
325	French toast	100	210
320	french fries	100	206
309	chole kulche	100	202
305	uttampam	115	201
317	chocolate brownie	115	208
307	aloo-cheese paratha	120	202
306	idli-sambhar	120	201
318	pancakes	120	208
323	hazlenut coffee	135	207
311	CHINESE BHEL	150	204
322	peach mojito	180	207
326	Pancakes	180	209
310	Dry manchrian	200	204
302	Arabita Pasta	200	203
312	Fried rice	210	204
316	waffle	220	208
315	sev taneta nu shaak	220	205
301	White Pasta	230	203
313	lasaniya bataka	250	205
308	Paneer pasanda	250	202
314	rigan no olo	300	205
304	gotala dosa	300	201
327	Steaks	335	210
303	Magherita pizza	400	203

Download CSV

27 rows selected.

count and like

SELECT COUNT(customer_firstname) from customer where customer_firstname like 'A%' or customer_firstname like 'a%';

select customer_firstname from customer;

```
1 SELECT COUNT(customer_firstname) from customer where customer_firstname like 'A%' or customer_firstname like 'a%';
2 select customer_firstname from customer;
```

COUNT(CUSTOMER_FIRSTNAME)
2

[Download CSV](#)

CUSTOMER_FIRSTNAME
Harsh
Jainam
Aman
Heer
Akanksha
Karan
Divya
Celia
Johnson
Dhara

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10 rows selected.

#group by and having

```
1 select Order_id,max(Order_amount) from Order_details group by Order_id having max(Order_amount)>300;
```

ORDER_ID	MAX(ORDER_AMOUNT)
603	345
604	400

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2 rows selected.

#