ONLINE BAKERY SHOP MANAGEMENT SYSTEM

Customer
- Address
- name
- cust_id
- City
- Contact

gives

Order_details
- cust_id
- order_id
- l_id
- order_date
- Descrption
- Price
- Quantity

Has

Item
- Name
- l_id
- Category
- Rate
- Availability

delivered by

Delivery
- order_id
- d_id
- d_name
- contact
- d_date

has

Payment
- p_id
- p_date
- order_id
- cust_id
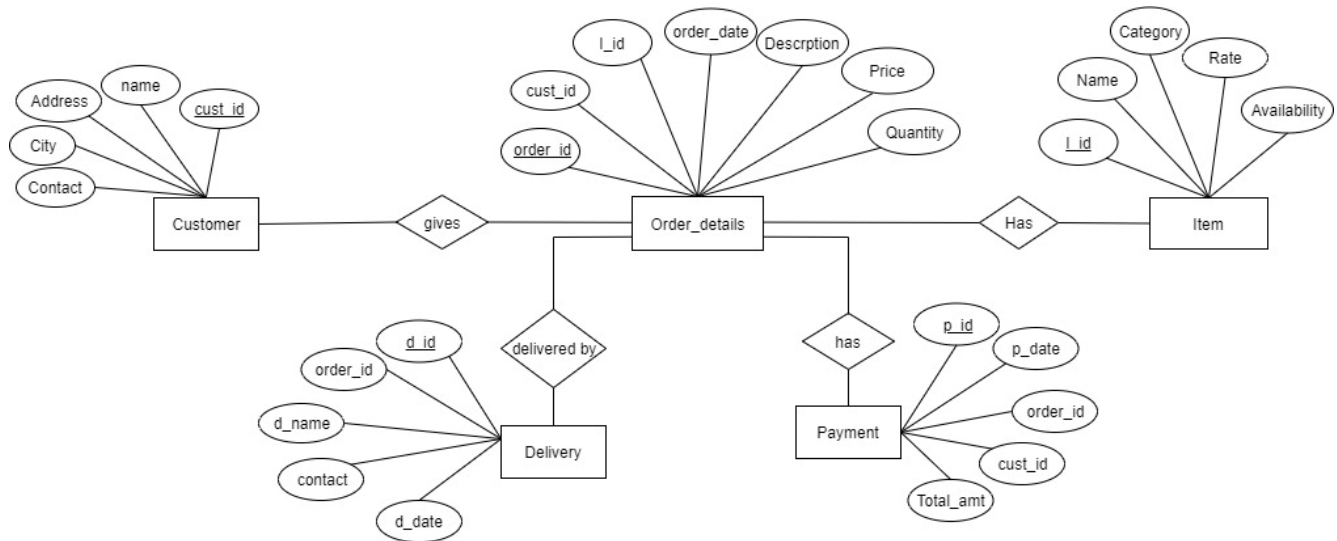- Total_amt

```
MariaDB [(none)]> create database cake;
Query OK, 1 row affected (0.002 sec)
MariaDB [cake]> create table customer(
-> cust_id int primary key,
-> name varchar(20),
-> Address varchar(20),
-> City varchar(20),
-> Contact char(10));
Query OK, 0 rows affected (0.035 sec)

MariaDB [cake]> describe customer;
+---------+-------------+------+-----+---------+-------+
| Field | Type | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| cust_id | int(11) | NO | PRI | NULL | |
| name | varchar(20) | YES | | NULL | |
| Address | varchar(20) | YES | | NULL | |
| City | varchar(20) | YES | | NULL | |
| Contact | char(10) | YES | | NULL | |
+---------+-------------+------+-----+---------+-------+
5 rows in set (0.020 sec)

MariaDB [cake]> insert into customer(cust_id,name,Address,City,Contact)values(1,'Apeksha','Tilak
nagar','Dombivali',8754216320),(2,'Swara','Ganesh nagar','Thane',7542136901);
Query OK, 2 rows affected, 2 warnings (0.025 sec)
Records: 2 Duplicates: 0 Warnings: 2

MariaDB [cake]> insert into customer(cust_id,name,Address,City,Contact)values(3,'Yash','Tilak
nagar','Dombivali',7454216320),(4,'Swaraj','SMIT Road','Thane',7542136901);
Query OK, 2 rows affected, 2 warnings (0.047 sec)
Records: 2 Duplicates: 0 Warnings: 2

MariaDB [cake]> insert into customer(cust_id,name,Address,City,Contact)values(5,'Yashraj','Sardar
colony','kopar',7454216322),(6,'Swar','MJ Road','Thane',7578136901);
Query OK, 2 rows affected, 2 warnings (0.047 sec)
Records: 2 Duplicates: 0 Warnings: 2

MariaDB [cake]> insert into customer(cust_id,name,Address,City,Contact)values(7,'Neha','Ramanand
nagar','Diva',7487521402),(8,'Sai','Ahuja nagar','vashi',9542136901),(9,'Dipika','Kolhe
nagar','mulund',8754213698),(10,'Sameer','Sahakar nagar','mumbra',7452136980);
Query OK, 4 rows affected, 4 warnings (0.048 sec)
Records: 4 Duplicates: 0 Warnings: 4

MariaDB [cake]> insert into customer(cust_id,name,Address,City,Contact)values(11,'Neelam','Orchid
colony','Diva',8977521402),(12,'Saisha','Ahuja nagar','kalyan',9742136901),(13,'Dipiti','modern
colony','mulund',8754213698),(14,'Samayra','Station road','mumbra',7452136980);
Query OK, 4 rows affected, 4 warnings (0.013 sec)
Records: 4 Duplicates: 0 Warnings: 4
```

```
MariaDB [cake]> insert into customer(cust_id,name,Address,City,Contact)values(15,'Nikita','Orchid
colony','Diva',8977521402),(16,'Trusha','MIT Road','Ghatkopar',8754136901),(17,'Divaya','ganesh
colony','dadar',8754213698),(18,'eva','Ajintha road','kurla',7452136980);
Query OK, 4 rows affected, 4 warnings (0.013 sec)
Records: 4 Duplicates: 0 Warnings: 4

MariaDB [cake]> insert into customer(cust_id,name,Address,City,Contact)values(19,'Ved','Sanaskar
colony','byculla',9874521360),(20,'Shreeya','MJ Road','Andheri',7578136901);
Query OK, 2 rows affected, 2 warnings (0.013 sec)
Records: 2 Duplicates: 0 Warnings: 2

MariaDB [cake]> select * from customer;
+---------+---------+-----------------+-----------+------------+
| cust_id | name    | Address         | City      | Contact    |
+---------+---------+-----------------+-----------+------------+
|       1 | Apeksha | Tilak nagar     | Dombivali | 8754216320 |
|       2 | Swara   | Ganesh nagar    | Thane     | 7542136901 |
|       3 | Yash    | Tilak nagar     | Dombivali | 7454216320 |
|       4 | Swaraj  | SMIT Road       | Thane     | 7542136901 |
|       5 | Yashraj | Sardar colony   | kopar     | 7454216322 |
|       6 | Swar    | MJ Road         | Thane     | 7578136901 |
|       7 | Neha    | Ramanand nagar  | Diva      | 7487521402 |
|       8 | Sai     | Ahuja nagar     | vashi     | 9542136901 |
|       9 | Dipika  | Kolhe nagar     | mulund    | 8754213698 |
|      10 | Sameer  | Sahakar nagar   | mumbra    | 7452136980 |
|      11 | Neelam  | Orchid colony   | Diva      | 8977521402 |
|      12 | Saisha  | Ahuja nagar     | kalyan    | 9742136901 |
|      13 | Dipiti  | modern colony   | mulund    | 8754213698 |
|      14 | Samayra | Station road    | mumbra    | 7452136980 |
|      15 | Nikita  | Orchid colony   | Diva      | 8977521402 |
|      16 | Trusha  | MIT Road        | Ghatkopar | 8754136901 |
|      17 | Divaya  | ganesh colony   | dadar     | 8754213698 |
|      18 | eva     | Ajintha road    | kurla     | 7452136980 |
|      19 | Ved     | Sanaskar colony | byculla   | 9874521360 |
|      20 | Shreeya | MJ Road         | Andheri   | 7578136901 |
+---------+---------+-----------------+-----------+------------+
20 rows in set (0.000 sec)
```

```
MariaDB [cake]> create table Item(I_id int primary key,
    -> Name varchar(30),
    -> Category varchar(30),
    -> Rate varchar(20),
    -> Availabilty int);
Query OK, 0 rows affected (0.020 sec)

MariaDB [cake]> describe item;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| I_id        | int(11)     | NO   | PRI | NULL    |       |
| Name        | varchar(30) | YES  |     | NULL    |       |
| Category    | varchar(30) | YES  |     | NULL    |       |
| Rate        | varchar(20) | YES  |     | NULL    |       |
| Availabilty | int(11)     | YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
5 rows in set (0.017 sec)
```

MariaDB [cake]> insert into Item(I_id,Name,Category,Rate,Availabilty)values(101,'Cheese Garlic loaf','Bread','35(per pkt)',15),(102,'Multigrain loaf','Bread','40(per pkt)',20),(103,'paneer Spicy Hot dog','Hot Dogs','45(per pcs)',10),(104,'Oats Chocolate','Chococlates','10(per pcs)',50),(105,'Gulkand Chocolate','Chocolates','15(per pcs)',100),(106,'Red Velvet Chesse Cake','Cake','1200(1 kg)',5),(107,'Veg Pizza','Pizza','50',5),(108,'Plum Cake','cake','185(per pcs)',10),(109,'Pineapple cake','cake','300(500 gm)',5),(110,'Browine Chocolate Chip Pastry','Pastry','50(per pcs)',15);
Query OK, 10 rows affected (0.013 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [cake]> insert into Item(I_id,Name,Category,Rate,Availabilty)values(111,'Fresh Fruit Pastry','Pastry','75(per pcs)',20),(112,'Sizzling Browine','Browine','75(per pcs)',10),(113,'Coconut cookies','Cookies','10(per pcs)',20),(114,'Chocolate cookies','Cookies','10(per pcs)',20),(115,'Black forest cake','Cake','250(500gm)',4),(116,'Apple pie','Pies','70(per pcs)',6),(117,'Crunchy oreo','Dessert','45',3),(118,'Strawberry Mousse','Dessert','45',5),(119,'Blueberry Muffin','Muffins','45',6),(120,'Mix-Fruit cake','Cake','500(500 gm)',3);
Query OK, 10 rows affected (0.013 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [cake]> insert into Item(I_id,Name,Category,Rate,Availabilty)values(121,'Walnut Browine','Browine','35(per pcs)',10),(122,'Coconut Rava Cake','Cake','75(per pkt)',6),(123,'Peanuts Chocolate','Chocolates','10(per pcs)',30),(124,'Pineapple pastry','Pastry','50(per pcs)',10),(125,'Manchurian Pizza','Pizza','250(large)',4);
Query OK, 5 rows affected (0.012 sec)
Records: 5 Duplicates: 0 Warnings: 0

```
MariaDB [cake]> select * from item;
+------+-----------------------------+-------------+-------------+------------+
| I_id | Name                        | Category    | Rate        | Availabilty |
+------+-----------------------------+-------------+-------------+------------+
|  101 | Cheese Garlic loaf          | Bread       | 35(per pkt) |         15 |
|  102 | Multigrain loaf             | Bread       | 40(per pkt) |         20 |
|  103 | paneer Spicy Hot dog        | Hot Dogs    | 45(per pcs) |         10 |
|  104 | Oats Chocolate              | Chococlates | 10(per pcs) |         50 |
|  105 | Gulkand Chocolate           | Chocolates  | 15(per pcs) |        100 |
|  106 | Red Velvet Chesse Cake      | Cake        | 1200(1 kg)  |          5 |
|  107 | Veg Pizza                   | Pizza       | 50          |          5 |
|  108 | Plum Cake                   | cake        | 185(per pcs) |        10 |
|  109 | Pineapple cake              | cake        | 300(500 gm) |          5 |
|  110 | Browine Chocolate Chip Pastry | Pastry    | 50(per pcs) |         15 |
|  111 | Fresh Fruit Pastry          | Pastry      | 75(per pcs) |         20 |
|  112 | Sizzling Browine            | Browine     | 75(per pcs) |         10 |
|  113 | Coconut cookies             | Cookies     | 10(per pcs) |         20 |
|  114 | Chocolate cookies           | Cookies     | 10(per pcs) |         20 |
|  115 | Black forest cake           | Cake        | 250(500gm)  |          4 |
|  116 | Apple pie                   | Pies        | 70(per pcs) |          6 |
|  117 | Crunchy oreo                | Dessert     | 45          |          3 |
|  118 | Strawberry Mousse           | Dessert     | 45          |          5 |
|  119 | Blueberry Muffin            | Muffins     | 45          |          6 |
|  120 | Mix-Fruit cake              | Cake        | 500(500 gm) |          3 |
|  121 | Walnut Browine              | Browine     | 35(per pcs) |         10 |
|  122 | Coconut Rava Cake           | Cake        | 75(per pkt) |          6 |
|  123 | Peanuts Chocolate           | Chocolates  | 10(per pcs) |         30 |
|  124 | Pineapple pastry            | Pastry      | 50(per pcs) |         10 |
|  125 | Manchurian Pizza            | Pizza       | 250(large)  |          4 |
+------+-----------------------------+-------------+-------------+------------+
25 rows in set (0.001 sec)
```

```
MariaDB [cake]> create table order_details(order_id int primary key,
    -> order_date date,
    -> I_id int,
    -> cust_id int,
    -> description varchar(50),
    -> price int,
    -> quantity varchar(10),
    -> FOREIGN KEY(I_id)REFERENCES item(I_id),
    -> FOREIGN KEY(cust_id)REFERENCES customer(cust_id));
Query OK, 0 rows affected (0.023 sec)

MariaDB [cake]> describe order_details;
+-------------+-------------+------+-----+---------+-------+
| Field       | Type        | Null | Key | Default | Extra |
+-------------+-------------+------+-----+---------+-------+
| order_id    | int(11)     | NO   | PRI | NULL    |       |
| order_date  | date        | YES  |     | NULL    |       |
| I_id        | int(11)     | YES  | MUL | NULL    |       |
| cust_id     | int(11)     | YES  | MUL | NULL    |       |
| description | varchar(50) | YES  |     | NULL    |       |
| price       | int(11)     | YES  |     | NULL    |       |
| quantity    | varchar(10) | YES  |     | NULL    |       |
+-------------+-------------+------+-----+---------+-------+
7 rows in set (0.018 sec)

insert into order_details(order_id,order_date,I_id,cust_id,description,Price,Quantity)values(101,'2022-02-
02',111,14,'Fresh fruit pastry with 2 layers',150,'3'),(102,'2022-03-20',113,10,'Coconut
cookies',50,'5'),(103,'2022-02-22',111,14,'Fresh fruit pastry with 2 layers',150,'3'),(104,'2021-12-
02',101,16,'Cheese garlic loaf with extra chesse',35,'1'),(105,'2021-11-22',105,18,'gulkand chocolate with
tutty fruity',75,'5');
Query OK, 5 rows affected (0.013 sec)
Records: 5  Duplicates: 0  Warnings: 0

MariaDB [cake]> insert into
order_details(order_id,order_date,I_id,cust_id,description,Price,Quantity)values(106,'2022-04-
15',109,1,'Pineapple cake ',300,'1'),(107,'2022-01-01',110,12,'Browine chocolate chip pastry with
cherry',250,'5'),(108,'2021-12-25',123,1,'Peanut chococlate with extra cramel',100,'10'),(109,'2022-02-
04',103,2,'paneer spicy hot dog with extra chesse',90,'2'),(110,'2022-01-15',121,4,'walnut browine with
chocolate',105,'3'),(111,'2021-07-23',107,5,'Veg Pizza',100,'2');
Query OK, 6 rows affected (0.013 sec)
Records: 6  Duplicates: 0  Warnings: 0

MariaDB [cake]> insert into
order_details(order_id,order_date,I_id,cust_id,description,Price,Quantity)values(112,'2022-01-
25',123,6,'Peanut chocolate',100,'10'),(113,'2022-01-01',106,11,'Red velvet cheese cake',600,'1
kg'),(114,'2021-11-23',108,13,'plum cake chocolate flavour',370,'2'),(115,'2021-12-24',107,15,'veg
pizza',50,1);
Query OK, 4 rows affected (0.013 sec)
Records: 4  Duplicates: 0  Warnings: 0
```

```
MariaDB [cake]> insert into
order_details(order_id,order_date,I_id,cust_id,description,Price,Quantity)values(116,'2022-04-
12',104,19,'OATS chocolate',100,'10'),(117,'2022-03-22',116,3,'APPLE PIE',140,'2'),(118,'2021-06-
22',125,17,'manchurian pizza with cheese',250,'1'),(119,'2022-04-15',104,8,'oats chocolate',50,5),(120,'2022-
01-16',112,20,'Sizzling browine',75,'1');
Query OK, 5 rows affected (0.013 sec)
Records: 5  Duplicates: 0  Warnings: 0

MariaDB [cake]> insert into
order_details(order_id,order_date,I_id,cust_id,description,Price,Quantity)values(121,'2022-04-
17',118,7,'stawberry mousee',90,'2'),(122,'2022-02-21',102,9,'Multigrain loaf',200,'5'),(123,'2021-11-
22',115,16,'black forest cake',500,'2'),(124,'2021-05-07',124,11,'pineapple pastry',250,5),(125,'2021-06-
10',117,1,'Crounchy oreo dessert',90,'2');
Query OK, 5 rows affected (0.013 sec)
Records: 5  Duplicates: 0  Warnings: 0

MariaDB [cake]> select * from order_details;
```

order_id	order_date	I_id	cust_id	description	price	quantity
101	2022-02-02	111	14	Fresh fruit pastry with 2 layers	150	3
102	2022-03-20	113	10	Coconut cookies	50	5
103	2022-02-22	111	14	Fresh fruit pastry with 2 layers	150	3
104	2021-12-02	101	16	Cheese garlic loaf with extra chesse	35	1
105	2021-11-22	105	18	gulkand chocolate with tutty fruity	75	5
106	2022-04-15	109	1	Pineapple cake	300	1
107	2022-01-01	110	12	Browine chocolate chip pastry with cherry	250	5
108	2021-12-25	123	1	Peanut chococlate with extra cramel	100	10
109	2022-02-04	103	2	paneer spicy hot dog with extra chesse	90	2
110	2022-01-15	121	4	walnut browine with chocolate	105	3
111	2021-07-23	107	5	Veg Pizza	100	2
112	2022-01-25	123	6	Peanut chocolate	100	10
113	2022-01-01	106	11	Red velvet cheese cake	600	1 kg
114	2021-11-23	108	13	plum cake chocolate flavour	370	2
115	2021-12-24	107	15	veg pizza	50	1
116	2022-04-12	104	19	OATS chocolate	100	10
117	2022-03-22	116	3	APPLE PIE	140	2
118	2021-06-22	125	17	manchurian pizza with cheese	250	1
119	2022-04-15	104	8	oats chocolate	50	5
120	2022-01-16	112	20	Sizzling browine	75	1
121	2022-04-17	118	7	stawberry mousee	90	2
122	2022-02-21	102	9	Multigrain loaf	200	5
123	2021-11-22	115	16	black forest cake	500	2
124	2021-05-07	124	11	pineapple pastry	250	5
125	2021-06-10	117	1	Crounchy oreo dessert	90	2

```
25 rows in set (0.000 sec)
```

```
MariaDB [cake]> create table delivery(d_id int primary key,
    -> d_name varchar(20),
    -> contact char(10),
    -> order_id int,
    -> d_date datetime,
    -> FOREIGN KEY(order_id)REFERENCES order_details(order_id));
Query OK, 0 rows affected (0.022 sec)

MariaDB [cake]> describe delivery;
+----------+-------------+------+-----+---------+-------+
| Field    | Type        | Null | Key | Default | Extra |
+----------+-------------+------+-----+---------+-------+
| d_id     | int(11)     | NO   | PRI | NULL    |       |
| d_name   | varchar(20) | YES  |     | NULL    |       |
| contact  | char(10)    | YES  |     | NULL    |       |
| order_id | int(11)     | YES  | MUL | NULL    |       |
| d_date   | datetime    | YES  |     | NULL    |       |
+----------+-------------+------+-----+---------+-------+
5 rows in set (0.018 sec)

MariaDB [cake]> insert into delivery(d_id,d_name,contact,order_id,d_date)values(201,'ashish
tiwari',7845120369,101,'2022-02-02 7:30:00');
Query OK, 1 row affected (0.014 sec)

MariaDB [cake]> insert into delivery(d_id,d_name,contact,order_id,d_date)values(203,'akashay
zha',8745120875,103,'2022-02-22 8:30:00');
Query OK, 1 row affected (0.013 sec)

MariaDB [cake]> insert into delivery(d_id,d_name,contact,order_id,d_date)values(204,'tilak
pardeshi',8748720875,104,'2021-12-04 6:30:00'),(205,'krish solanki',8752169324,105,'2021-11-24
6:50:00'),(206,'pankaj patil',8754217854,106,'2022-04-17 5:30:00'),(207,'akash patil',9890125476,107,'2022-
01-03 4:00:00'),(208,'anand jain',8754120369,108,'2021-12-27 3:30:00'),(209,'suhas
patil',7845126930,109,'2022-02-16 2:30:00'),(210,'sumesh nehete',7845129657,110,'2021-01-17 4:30:05');
Query OK, 7 rows affected (0.012 sec)
Records: 7  Duplicates: 0  Warnings: 0

MariaDB [cake]> insert into delivery(d_id,d_name,contact,order_id,d_date)values(211,'tilak
patil',8748720875,111,'2021-07-25 1:30:00'),(212,'krishna kabra',9852169324,112,'2022-01-25
7:50:00'),(213,'pankaj patil',8754217854,113,'2022-01-01 5:30:00'),(214,'akash
kumar',8790125476,114,'2021-11-24 4:00:00'),(215,'anand jain',8754120369,115,'2021-10-22
3:30:00'),(216,'suhas patil',7845126930,116,'2022-04-12 10:30:00'),(217,'sumesh
rajput',7845129657,117,'2022-03-25 4:30:05');
Query OK, 7 rows affected (0.013 sec)
Records: 7  Duplicates: 0  Warnings: 0

MariaDB [cake]> insert into delivery(d_id,d_name,contact,order_id,d_date)values(218,'tilak
patil',8748720875,118,'2021-06-24 1:30:00'),(219,'mehul mahajan',9852169324,119,'2022-04-17
11:50:00'),(220,'kartik chaudhari',9875462130,120,'2021-01-18 6:30:00');
Query OK, 3 rows affected (0.013 sec)
Records: 3  Duplicates: 0  Warnings: 0
```

```
MariaDB [cake]> insert into delivery(d_id,d_name,contact,order_id,d_date)values(221,'tilak
patil',8748720875,121,'2022-04-19 1:30:00'),(222,'mehul mahajan',9852169324,122,'2022-02-22
11:50:00'),(223,'kartik chaudhari',9875462130,123,'2021-11-24 6:30:00');
Query OK, 3 rows affected (0.013 sec)
Records: 3  Duplicates: 0  Warnings: 0

MariaDB [cake]> insert into delivery(d_id,d_name,contact,order_id,d_date)values(224,'tilak
patil',8748720875,124,'2021-05-10 1:30:00'),(225,'mehul mahajan',9852169324,125,'2021-06-10 11:50:00');
Query OK, 2 rows affected (0.013 sec)
Records: 2  Duplicates: 0  Warnings: 0

MariaDB [cake]> select * from delivery;
+------+------------------+------------+----------+---------------------+
| d_id | d_name           | contact    | order_id | d_date              |
+------+------------------+------------+----------+---------------------+
| 201  | ashish tiwari    | 7845120369 |   101    | 2022-02-02 07:30:00 |
| 202  | sameer patil     | 7845120875 |   102    | 2022-03-20 08:30:00 |
| 203  | akashay zha      | 8745120875 |   103    | 2022-02-22 08:30:00 |
| 204  | tilak pardeshi   | 8748720875 |   104    | 2021-12-04 06:30:00 |
| 205  | krish solanki    | 8752169324 |   105    | 2021-11-24 06:50:00 |
| 206  | pankaj patil     | 8754217854 |   106    | 2022-04-17 05:30:00 |
| 207  | akash patil      | 9890125476 |   107    | 2022-01-03 04:00:00 |
| 208  | anand jain       | 8754120369 |   108    | 2021-12-27 03:30:00 |
| 209  | suhas patil      | 7845126930 |   109    | 2022-02-16 02:30:00 |
| 210  | sumesh nehete    | 7845129657 |   110    | 2021-01-17 04:30:05 |
| 211  | tilak patil      | 8748720875 |   111    | 2021-07-25 01:30:00 |
| 212  | krishna kabra    | 9852169324 |   112    | 2022-01-25 07:50:00 |
| 213  | pankaj patil     | 8754217854 |   113    | 2022-01-01 05:30:00 |
| 214  | akash kumar      | 8790125476 |   114    | 2021-11-24 04:00:00 |
| 215  | anand jain       | 8754120369 |   115    | 2021-10-22 03:30:00 |
| 216  | suhas patil      | 7845126930 |   116    | 2022-04-12 10:30:00 |
| 217  | sumesh rajput    | 7845129657 |   117    | 2022-03-25 04:30:05 |
| 218  | tilak patil      | 8748720875 |   118    | 2021-06-24 01:30:00 |
| 219  | mehul mahajan    | 9852169324 |   119    | 2022-04-17 11:50:00 |
| 220  | kartik chaudhari | 9875462130 |   120    | 2021-01-18 06:30:00 |
| 221  | tilak patil      | 8748720875 |   121    | 2022-04-19 01:30:00 |
| 222  | mehul mahajan    | 9852169324 |   122    | 2022-02-22 11:50:00 |
| 223  | kartik chaudhari | 9875462130 |   123    | 2021-11-24 06:30:00 |
| 224  | tilak patil      | 8748720875 |   124    | 2021-05-10 01:30:00 |
| 225  | mehul mahajan    | 9852169324 |   125    | 2021-06-10 11:50:00 |
+------+------------------+------------+----------+---------------------+
25 rows in set (0.001 sec)

MariaDB [cake]> create table payment(p_id int primary key,
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```
    -> p_date date,
    -> cust_id int,
    -> order_id int,
    -> Total_amt int,
    -> FOREIGN KEY(order_id)REFERENCES order_details(order_id),
    -> FOREIGN KEY(cust_id)REFERENCES customer(cust_id));
Query OK, 0 rows affected (0.028 sec)

MariaDB [cake]> describe payment;
+-----------+---------+------+-----+---------+-------+
| Field     | Type    | Null | Key | Default | Extra |
+-----------+---------+------+-----+---------+-------+
| p_id      | int(11) | NO   | PRI | NULL    |       |
| p_date    | date    | YES  |     | NULL    |       |
| cust_id   | int(11) | YES  | MUL | NULL    |       |
| order_id  | int(11) | YES  | MUL | NULL    |       |
| Total_amt | int(11) | YES  |     | NULL    |       |
+-----------+---------+------+-----+---------+-------+
5 rows in set (0.056 sec)
```

MariaDB [cake]> insert into payment(p_id,p_date,cust_id,order_id,Total_amt)values(501,'2022-02-02',14,101,150),(502,'2022-03-20',10,102,20),(503,'2022-02-22',14,103,150),(504,'2021-12-04',16,104,35),(505,'2021-11-24',18,105,75);
Query OK, 5 rows affected (0.013 sec)
Records: 5 Duplicates: 0 Warnings: 0

MariaDB [cake]> insert into payment(p_id,p_date,cust_id,order_id,Total_amt)values(506,'2022-04-17',1,106,300),(507,'2022-01-03',12,107,250),(508,'2021-12-27',1,108,100),(509,'2022-02-16',2,109,90),(510,'2021-01-17',4,110,105);
Query OK, 5 rows affected (0.013 sec)
Records: 5 Duplicates: 0 Warnings: 0

MariaDB [cake]> insert into payment(p_id,p_date,cust_id,order_id,Total_amt)values(511,'2021-07-25',5,111,100),(512,'2022-01-25',6,112,100),(513,'2022-01-01',11,113,600),(514,'2021-11-24',13,114,370),(515,'2021-10-22',15,115,50);
Query OK, 5 rows affected (0.013 sec)
Records: 5 Duplicates: 0 Warnings: 0

MariaDB [cake]> insert into payment(p_id,p_date,cust_id,order_id,Total_amt)values(516,'2022-04-12',19,116,100),(517,'2022-03-25',3,117,140),(518,'2021-06-24',17,118,250),(519,'2022-04-17',8,119,50),(520,'2021-01-18',20,120,75);
Query OK, 5 rows affected (0.047 sec)
Records: 5 Duplicates: 0 Warnings: 0

MariaDB [cake]> insert into payment(p_id,p_date,cust_id,order_id,Total_amt)values(521,'2022-04-19',7,121,90),(522,'2022-02-22',9,122,200),(523,'2021-11-24',16,123,500),(524,'2021-05-10',11,124,250),(525,'2021-06-10',1,125,90);
Query OK, 5 rows affected (0.013 sec)
Records: 5 Duplicates: 0 Warnings: 0

```
MariaDB [cake]> select * from payment;
+------+------------+---------+----------+-----------+
| p_id | p_date     | cust_id | order_id | Total_amt |
+------+------------+---------+----------+-----------+
|  501 | 2022-02-02 |      14 |      101 |       150 |
|  502 | 2022-03-20 |      10 |      102 |        20 |
|  503 | 2022-02-22 |      14 |      103 |       150 |
|  504 | 2021-12-04 |      16 |      104 |        35 |
|  505 | 2021-11-24 |      18 |      105 |        75 |
|  506 | 2022-04-17 |       1 |      106 |       300 |
|  507 | 2022-01-03 |      12 |      107 |       250 |
|  508 | 2021-12-27 |       1 |      108 |       100 |
|  509 | 2022-02-16 |       2 |      109 |        90 |
|  510 | 2021-01-17 |       4 |      110 |       105 |
|  511 | 2021-07-25 |       5 |      111 |       100 |
|  512 | 2022-01-25 |       6 |      112 |       100 |
|  513 | 2022-01-01 |      11 |      113 |       600 |
|  514 | 2021-11-24 |      13 |      114 |       370 |
|  515 | 2021-10-22 |      15 |      115 |        50 |
|  516 | 2022-04-12 |      19 |      116 |       100 |
|  517 | 2022-03-25 |       3 |      117 |       140 |
|  518 | 2021-06-24 |      17 |      118 |       250 |
|  519 | 2022-04-17 |       8 |      119 |        50 |
|  520 | 2021-01-18 |      20 |      120 |        75 |
|  521 | 2022-04-19 |       7 |      121 |        90 |
|  522 | 2022-02-22 |       9 |      122 |       200 |
|  523 | 2021-11-24 |      16 |      123 |       500 |
|  524 | 2021-05-10 |      11 |      124 |       250 |
|  525 | 2021-06-10 |       1 |      125 |        90 |
+------+------------+---------+----------+-----------+
25 rows in set (0.001 sec)
```

==========================JOINS-===

1]SELF JOIN

MariaDB [cake]> select c1.cust_id,c1.order_id,c1.order_date,c2.I_id,c2.quantity from order_details c1,order_details c2 where c1.order_id=c2.order_id ORDER BY cust_id;

cust_id	order_id	order_date	I_id	quantity
1	125	2021-06-10	117	2
1	108	2021-12-25	123	10
1	106	2022-04-15	109	1
2	109	2022-02-04	103	2
3	117	2022-03-22	116	2
4	110	2022-01-15	121	3
5	111	2021-07-23	107	2
6	112	2022-01-25	123	10
7	121	2022-04-17	118	2
8	119	2022-04-15	104	5
9	122	2022-02-21	102	5
10	102	2022-03-20	113	5
11	124	2021-05-07	124	5
11	113	2022-01-01	106	1 kg
12	107	2022-01-01	110	5
13	114	2021-11-23	108	2
14	103	2022-02-22	111	3
14	101	2022-02-02	111	3
15	115	2021-12-24	107	1
16	104	2021-12-02	101	1
16	123	2021-11-22	115	2
17	118	2021-06-22	125	1
18	105	2021-11-22	105	5
19	116	2022-04-12	104	10
20	120	2022-01-16	112	1

25 rows in set (0.001 sec)

2]FULL JOIN

select delivery.d_id,payment.order_id,delivery.d_name,payment.cust_id,payment.Total_amt from delivery RIGHT JOIN payment ON delivery.order_id=payment.order_id UNION select delivery.d_id,payment.order_id,delivery.d_name,payment.cust_id,payment.Total_amt from delivery RIGHT JOIN payment ON delivery.order_id=payment.order_id;

```
+------+----------+------------------+---------+-----------+
| d_id | order_id | d_name           | cust_id | Total_amt |
+------+----------+------------------+---------+-----------+
| 201  |    101   | ashish tiwari    |   14    |    150    |
| 202  |    102   | sameer patil     |   10    |     20    |
| 203  |    103   | akashay zha      |   14    |    150    |
| 204  |    104   | tilak pardeshi   |   16    |     35    |
| 205  |    105   | krish solanki    |   18    |     75    |
| 206  |    106   | pankaj patil     |    1    |    300    |
| 207  |    107   | akash patil      |   12    |    250    |
| 208  |    108   | anand jain       |    1    |    100    |
| 209  |    109   | suhas patil      |    2    |     90    |
| 210  |    110   | sumesh nehete    |    4    |    105    |
| 211  |    111   | tilak patil      |    5    |    100    |
| 212  |    112   | krishna kabra    |    6    |    100    |
| 213  |    113   | pankaj patil     |   11    |    600    |
| 214  |    114   | akash kumar      |   13    |    370    |
| 215  |    115   | anand jain       |   15    |     50    |
| 216  |    116   | suhas patil      |   19    |    100    |
| 217  |    117   | sumesh rajput    |    3    |    140    |
| 218  |    118   | tilak patil      |   17    |    250    |
| 219  |    119   | mehul mahajan    |    8    |     50    |
| 220  |    120   | kartik chaudhari |   20    |     75    |
| 221  |    121   | tilak patil      |    7    |     90    |
| 222  |    122   | mehul mahajan    |    9    |    200    |
| 223  |    123   | kartik chaudhari |   16    |    500    |
| 224  |    124   | tilak patil      |   11    |    250    |
| 225  |    125   | mehul mahajan    |    1    |     90    |
+------+----------+------------------+---------+-----------+
```
25 rows in set (0.002 sec)

======================================SUBQUERY======================================

1]-Write a subquery to count the no. of customers whose id matches in a order table

MariaDB [cake]> SELECT count(cust_id) FROM customer where cust_id IN(select cust_id from order_details);
+----------------+
| count(cust_id) |
+----------------+
| 20 |
+----------------+
1 row in set (0.012 sec)

2]write a SQL query to find only those customers whose total payment is more than 500 Rupees.

MariaDB [cake]> SELECT * FROM customer WHERE cust_id IN(select distinct cust_id from payment where total_amt>500);
+---------+--------+---------------+------+------------+
| cust_id | name | Address | City | Contact |
+---------+--------+---------------+------+------------+
| 11 | Neelam | Orchid colony | Diva | 8977521402 |
+---------+--------+---------------+------+------------+
1 row in set (0.001 sec)

VIEW

MariaDB [cake]> create view details_view AS select
order_details.cust_id,order_details.order_date,order_details.order_id,order_details.description,pay
ment.p_date,payment.Total_amt from order_details,payment where
order_details.order_id=payment.order_id ORDER BY cust_id;
Query OK, 0 rows affected (0.014 sec)

MariaDB [cake]> select * from details_view;

cust_id	order_date	order_id	description	p_date	Total_amt
1	2022-04-15	106	Pineapple cake	2022-04-17	300
1	2021-06-10	125	Crounchy oreo dessert	2021-06-10	90
1	2021-12-25	108	Peanut chococlate with extra cramel	2021-12-27	100
2	2022-02-04	109	paneer spicy hot dog with extra chesse	2022-02-16	90
3	2022-03-22	117	APPLE PIE	2022-03-25	140
4	2022-01-15	110	walnut browine with chocolate	2021-01-17	105
5	2021-07-23	111	Veg Pizza	2021-07-25	100
6	2022-01-25	112	Peanut chocolate	2022-01-25	100
7	2022-04-17	121	stawberry mousee	2022-04-19	90
8	2022-04-15	119	oats chocolate	2022-04-17	50
9	2022-02-21	122	Multigrain loaf	2022-02-22	200
10	2022-03-20	102	Coconut cookies	2022-03-20	20
11	2021-05-07	124	pineapple pastry	2021-05-10	250
11	2022-01-01	113	Red velvet cheese cake	2022-01-01	600
12	2022-01-01	107	Browine chocolate chip pastry with cherry	2022-01-03	250
13	2021-11-23	114	plum cake chocolate flavour	2021-11-24	370
14	2022-02-22	103	Fresh fruit pastry with 2 layers	2022-02-22	150
14	2022-02-02	101	Fresh fruit pastry with 2 layers	2022-02-02	150
15	2021-12-24	115	veg pizza	2021-10-22	50
16	2021-12-02	104	Cheese garlic loaf with extra chesse	2021-12-04	35
16	2021-11-22	123	black forest cake	2021-11-24	500
17	2021-06-22	118	manchurian pizza with cheese	2021-06-24	250
18	2021-11-22	105	gulkand chocolate with tutty fruity	2021-11-24	75
19	2022-04-12	116	OATS chocolate	2022-04-12	100
20	2022-01-16	120	Sizzling browine	2021-01-18	75

25 rows in set (0.001 sec)