

**mysql> create database student\_details;**

Query OK, 1 row affected (0.01 sec)

**mysql> show databases;**

```
+-----+
| Database |
+-----+
| information_schema |
| mysql |
| performance_schema |
| student_details |
| sys |
+-----+
5 rows in set (0.00 sec)
```

**mysql> use student\_details;**

Database changed

----- : **CRUD : CREATE, READ, UPDATE, DELETE** : -----

----- : **CREATE** : -----

**mysql> create table students(ID int not null auto\_increment,FNAME varchar(55),LNAME varchar(55),AGE int,primary key(ID));**

**mysql> insert into students(FNAME,LNAME,AGE)values('vinod','thapa',25);**

Query OK, 1 row affected (0.01 sec)

**mysql> insert into students(FNAME,LNAME**

**students(FNAME,LNAME,AGE)values('vinod','thapa',25);**

Query OK, 1 row affected (0.01 sec)

**mysql> insert into students(FNAME,LNAME,AGE)values('vinod','bahadur',25);**

Query OK, 1 row affected (0.01 sec)

**mysql> insert into students(FNAME,LNAME,AGE)values('naran','kc',28);**

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into
students(FNAME,LNAME,AGE)values('thapa','technical',24);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into students(FNAME,LNAME,AGE)values('arjun','kc',26);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into students(FNAME,LNAME,AGE)values('binta','thapa',21);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into students(FNAME,LNAME,AGE)values('ramesh','thapa',22);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into students(FNAME,LNAME,AGE)values('amrit','thapa',23);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into students(FNAME,LNAME,AGE)values('ram','chettri',23);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into students(FNAME,LNAME,AGE)values('kanxi','thapa',25);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> show tables;
```

```
+-----+
| Tables_in_student_details |
+-----+
| students                  |
+-----+
1 row in set (0.00 sec)
```

```
mysql> desc students;
```

```
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra          |
+-----+-----+-----+-----+-----+-----+
| ID    | int       | NO   | PRI | NULL    | auto_increment |
| FNAME | varchar(55) | YES  |     | NULL    |                |
| LNAME | varchar(55) | YES  |     | NULL    |                |
| AGE   | int       | YES  |     | NULL    |                |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

mysql> select\*from students;

ID	FNAME	LNAME	AGE
1	vinod	thapa	25
2	vinod	bahadur	25
3	naran	kc	28
4	thapa	technical	24
5	arjun	kc	26
6	binta	thapa	21
7	ramesh	thapa	22
8	amrit	thapa	23
9	ram	chettri	23
10	kanxi	thapa	25

10 rows in set (0.00 sec)

----- : READ : -----

mysql> select\*from students where age=25;

ID	FNAME	LNAME	AGE
1	vinod	thapa	25
2	vinod	bahadur	25
10	kanxi	thapa	25

3 rows in set (0.00 sec)

mysql> select FNAME from students where age=25;

FNAME
vinod
vinod
kanxi

3 rows in set (0.00 sec)

mysql> select FNAME,LNAME from students where age=25;

FNAME	LNAME
vinod	thapa
vinod	bahadur
kanxi	thapa

3 rows in set (0.00 sec)

----- : UPDATE : -----

**mysql> update students set AGE=23 where FNAME='ramesh';**

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

**mysql> select\*from students;**

ID	FNAME	LNAME	AGE
1	vinod	thapa	25
2	vinod	bahadur	25
3	naran	kc	28
4	thapa	technical	24
5	arjun	kc	26
6	binta	thapa	21
7	ramesh	thapa	23
8	amrit	thapa	23
9	ram	chettri	23
10	kanxi	thapa	25

10 rows in set (0.00 sec)

**mysql> update students set AGE=55 where ID=10;**

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

**mysql> select\*from students;**

ID	FNAME	LNAME	AGE
1	vinod	thapa	25
2	vinod	bahadur	25
3	naran	kc	28
4	thapa	technical	24
5	arjun	kc	26
6	binta	thapa	21
7	ramesh	thapa	23
8	amrit	thapa	23
9	ram	chettri	23
10	kanxi	thapa	55

10 rows in set (0.00 sec)

----- : DELETE : -----

**mysql> delete from students where FNAME='naran';**

Query OK, 1 row affected (0.01 sec)

**mysql> select\*from students;**

ID	FNAME	LNAME	AGE
1	vinod	thapa	25
2	vinod	bahadur	25
4	thapa	technical	24
5	arjun	kc	26
6	binta	thapa	21
7	ramesh	thapa	23
8	amrit	thapa	23
9	ram	chettri	23
10	kanxi	thapa	55

9 rows in set (0.00 sec)

**mysql> delete from students where ID='7';**

Query OK, 1 row affected (0.01 sec)

**mysql> select\*from students;**

ID	FNAME	LNAME	AGE
1	vinod	thapa	25
2	vinod	bahadur	25
4	thapa	technical	24
5	arjun	kc	26
6	binta	thapa	21
8	amrit	thapa	23
9	ram	chettri	23
10	kanxi	thapa	55

8 rows in set (0.00 sec)

**mysql> insert into students values(7,'ramesh','thapa',23);**

Query OK, 1 row affected (0.01 sec)

mysql> select \* from students;

ID	FNAME	LNAME	AGE
1	vinod	thapa	25
2	vinod	bahadur	25
4	thapa	technical	24
5	arjun	kc	26
6	binta	thapa	21
7	ramesh	thapa	23
8	amrit	thapa	23
9	ram	chettri	23
10	kanxi	thapa	55

9 rows in set (0.00 sec)

----- : DISTINCT : -----

mysql> select FNAME from students;

FNAME
vinod
vinod
thapa
arjun
binta
ramesh
amrit
ram
kanxi

9 rows in set (0.00 sec)

mysql> select distinct FNAME from students;

FNAME
vinod
thapa
arjun
binta
ramesh
amrit
ram
kanxi

8 rows in set (0.00 sec)

mysql> select FNAME,AGE from students;

```
+-----+-----+
| FNAME | AGE |
+-----+-----+
| vinod | 25 |
| vinod | 25 |
| thapa | 24 |
| arjun | 26 |
| binta | 21 |
| ramesh | 23 |
| amrit | 23 |
| ram | 23 |
| kanxi | 55 |
+-----+-----+
9 rows in set (0.00 sec)
```

mysql> select distinct AGE from students;

```
+-----+
| AGE |
+-----+
| 25 |
| 24 |
| 26 |
| 21 |
| 23 |
| 55 |
+-----+
6 rows in set (0.00 sec)
```

mysql> select distinct FNAME,AGE from students;

```
+-----+-----+
| FNAME | AGE |
+-----+-----+
| vinod | 25 |
| thapa | 24 |
| arjun | 26 |
| binta | 21 |
| ramesh | 23 |
| amrit | 23 |
| ram | 23 |
| kanxi | 55 |
+-----+-----+
8 rows in set (0.00 sec)
```

----- : ORDER BY : -----

mysql> select age from students order by age;

```
+-----+
| age |
+-----+
| 21 |
| 23 |
| 23 |
| 23 |
| 24 |
| 25 |
| 25 |
| 26 |
| 55 |
+-----+
9 rows in set (0.00 sec)
```

mysql> select FNAME from students order by age;

```
+-----+
| FNAME |
+-----+
| binta |
| ramesh |
| amrit |
| ram |
| thapa |
| vinod |
| vinod |
| arjun |
| kanxi |
+-----+
9 rows in set (0.00 sec)
```

mysql> select FNAME,LNAME,AGE from students order by AGE;

```
+-----+-----+-----+
| FNAME | LNAME | AGE |
+-----+-----+-----+
| binta | thapa | 21 |
| ramesh | thapa | 23 |
| amrit | thapa | 23 |
| ram | chettri | 23 |
| thapa | technical | 24 |
| vinod | thapa | 25 |
| vinod | bahadur | 25 |
| arjun | kc | 26 |
| kanxi | thapa | 55 |
+-----+-----+-----+
9 rows in set (0.00 sec)
```



----- : LIMIT : -----

mysql> select FNAME,LNAME,AGE from students order by AGE limit 5;

```
+-----+-----+-----+
| FNAME | LNAME | AGE |
+-----+-----+-----+
| binta | thapa | 21 |
| ramesh | thapa | 23 |
| amrit | thapa | 23 |
| ram | chettri | 23 |
| thapa | technical | 24 |
+-----+-----+-----+
5 rows in set (0.00 sec)
```

----- : LIKE : -----

mysql> select FNAME from students where FNAME like '%in%';

```
+-----+
| FNAME |
+-----+
| vinod |
| vinod |
| binta |
+-----+
3 rows in set (0.00 sec)
```

mysql> select LNAME from students where FNAME like '%ha%';

```
+-----+
| LNAME |
+-----+
| technical |
+-----+
1 row in set (0.00 sec)
```

mysql> select LNAME from students where LNAME like '%ha%';

```
+-----+
| LNAME |
+-----+
| thapa |
| bahadur |
| thapa |
| thapa |
| thapa |
| thapa |
+-----+
6 rows in set (0.00 sec)
```

----- : BASIC FUNCTION : -----

**mysql> select max(age) from students;**

```
+-----+
| max(age) |
+-----+
|      55 |
+-----+
1 row in set (0.00 sec)
```

**mysql> select min(age) from students;**

```
+-----+
| min(age) |
+-----+
|      21 |
+-----+
1 row in set (0.00 sec)
```

**mysql> select sum(age) from students;**

```
+-----+
| sum(age) |
+-----+
|      245 |
+-----+
1 row in set (0.00 sec)
```

**mysql> select count(id) from students;**

```
+-----+
| count(id) |
+-----+
|          9 |
+-----+
1 row in set (0.00 sec)
```

**mysql> select avg(age) from students;**

```
+-----+
| avg(age) |
+-----+
|  27.2222 |
+-----+
1 row in set (0.00 sec)
```

----- : LOGICAL OPERATOR : -----

mysql> select \* from students where AGE=25;

ID	FNAME	LNAME	AGE
1	vinod	thapa	25
2	vinod	bahadur	25

2 rows in set (0.00 sec)

mysql> select \* from students where AGE!=25;

ID	FNAME	LNAME	AGE
4	thapa	technical	24
5	arjun	kc	26
6	binta	thapa	21
7	ramesh	thapa	23
8	amrit	thapa	23
9	ram	chettri	23
10	kanxi	thapa	55

7 rows in set (0.00 sec)

mysql> select \* from students where LNAME='thapa';

ID	FNAME	LNAME	AGE
1	vinod	thapa	25
6	binta	thapa	21
7	ramesh	thapa	23
8	amrit	thapa	23
10	kanxi	thapa	55

5 rows in set (0.00 sec)

mysql> select \* from students where LNAME!='thapa';

ID	FNAME	LNAME	AGE
2	vinod	bahadur	25
4	thapa	technical	24
5	arjun	kc	26
9	ram	chettri	23

4 rows in set (0.00 sec)

----- : LESS & GREATER THAN : -----

mysql> select\*from students where age>25;

```
+-----+-----+-----+-----+
| ID | FNAME | LNAME | AGE |
+-----+-----+-----+-----+
| 5 | arjun | kc | 26 |
| 10 | kanxi | thapa | 55 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

mysql> select\*from students where age>=25;

```
+-----+-----+-----+-----+
| ID | FNAME | LNAME | AGE |
+-----+-----+-----+-----+
| 1 | vinod | thapa | 25 |
| 2 | vinod | bahadur | 25 |
| 5 | arjun | kc | 26 |
| 10 | kanxi | thapa | 55 |
+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

mysql> select\*from students where age<25;

```
+-----+-----+-----+-----+
| ID | FNAME | LNAME | AGE |
+-----+-----+-----+-----+
| 4 | thapa | technical | 24 |
| 6 | binta | thapa | 21 |
| 7 | ramesh | thapa | 23 |
| 8 | amrit | thapa | 23 |
| 9 | ram | chettri | 23 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

mysql> select\*from students where age<=25;

```
+-----+-----+-----+-----+
| ID | FNAME | LNAME | AGE |
+-----+-----+-----+-----+
| 1 | vinod | thapa | 25 |
| 2 | vinod | bahadur | 25 |
| 4 | thapa | technical | 24 |
| 6 | binta | thapa | 21 |
| 7 | ramesh | thapa | 23 |
| 8 | amrit | thapa | 23 |
| 9 | ram | chettri | 23 |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

mysql> select\*from students where age=25;

```
+-----+-----+-----+-----+
| ID | FNAME | LNAME | AGE |
+-----+-----+-----+-----+
| 1 | vinod | thapa | 25 |
| 2 | vinod | bahadur | 25 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

mysql> select\*from students where age not between 22 and 50;

```
+-----+-----+-----+-----+
| ID | FNAME | LNAME | AGE |
+-----+-----+-----+-----+
| 6 | binta | thapa | 21 |
| 10 | kanxi | thapa | 55 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

mysql> select\*from students where age between 21 and 24;

```
+-----+-----+-----+-----+
| ID | FNAME | LNAME | AGE |
+-----+-----+-----+-----+
| 4 | thapa | technical | 24 |
| 6 | binta | thapa | 21 |
| 7 | ramesh | thapa | 23 |
| 8 | amrit | thapa | 23 |
| 9 | ram | chettri | 23 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

mysql> select\*from students where FNAME in('vinod','binita');

```
+-----+-----+-----+-----+
| ID | FNAME | LNAME | AGE |
+-----+-----+-----+-----+
| 1 | vinod | thapa | 25 |
| 2 | vinod | bahadur | 25 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

mysql> select\*from students where FNAME='vinod' or 'binita';

```
+-----+-----+-----+-----+
| ID | FNAME | LNAME | AGE |
+-----+-----+-----+-----+
| 1 | vinod | thapa | 25 |
| 2 | vinod | bahadur | 25 |
+-----+-----+-----+-----+
2 rows in set, 1 warning (0.00 sec)
```

----- : STRING FUNCTION : -----

mysql> select concat('vinod','thapa');

```
+-----+
| concat('vinod','thapa') |
+-----+
| vinodthapa              |
+-----+
1 row in set (0.00 sec)
```

mysql> select concat('anant','soni');

```
+-----+
| concat('anant','soni') |
+-----+
| anantsoni              |
+-----+
1 row in set (0.00 sec)
```

mysql> select concat('vinod',' ','thapa');

```
+-----+
| concat('vinod',' ','thapa') |
+-----+
| vinodthapa                  |
+-----+
1 row in set (0.00 sec)
```

mysql> select concat('anant',' ','soni');

```
+-----+
| concat('anant',' ','soni') |
+-----+
| anant soni                 |
+-----+
1 row in set (0.00 sec)
```

mysql> select concat(FNAME,LNAME,' ',AGE) from students;

```
+-----+
| concat(FNAME,LNAME,' ',AGE) |
+-----+
| vinodthapa 25               |
| vinodbahadur 25             |
| thapatechnical 24           |
| arjunkc 26                  |
| bintathapa 21               |
| rameshthapa 23              |
| amritthapa 23               |
| ramchettri 23               |
| kanxithapa 55               |
+-----+
9 rows in set (0.00 sec)
```

----- : REVERSE FUNCTION : -----

mysql> select reverse('thapa');

```
+-----+
| reverse('thapa') |
+-----+
| apaht           |
+-----+
1 row in set (0.00 sec)
```

mysql> select reverse('thapa') as reverse;

```
+-----+
| reverse |
+-----+
| apaht   |
+-----+
1 row in set (0.00 sec)
```

mysql> select concat ('thapa',reverse('thapa')) as palindrome;

```
+-----+
| palindrome |
+-----+
| thapaapaht |
+-----+
1 row in set (0.00 sec)
```

mysql> select concat ('thapa',' ',reverse('thapa')) as palindrome;

```
+-----+
| palindrome |
+-----+
| thapa apaht |
+-----+
1 row in set (0.00 sec)
```

----- : CHAR\_LENGTH : -----

**mysql> select char\_length('sonianantrajeshkumar');**

```
+-----+
| char_length('sonianantrajeshkumar') |
+-----+
|                                20 |
+-----+
1 row in set (0.00 sec)
```

**mysql> select char\_length('soni anant rajeshkumar');**

```
+-----+
| char_length('soni anant rajeshkumar') |
+-----+
|                                22 |
+-----+
1 row in set (0.00 sec)
```

----- : DATE TIME DATA TYPES : -----

**mysql> create table datestudents(NAME varchar(55),DOB date,DOT time,BD datetime);**

Query OK, 0 rows affected (0.03 sec)

**mysql> insert into datestudents values('vinod','1994-01-05','05:25:45','1994-01-05 05:25:45');**

Query OK, 1 row affected (0.01 sec)

**mysql> insert into datestudents values('anant','2004-07-10','01:07:17','2004-07-10 01:07:17');**

Query OK, 1 row affected (0.01 sec)

**mysql> select\*from datestudents;**

```
+-----+-----+-----+-----+
| NAME | DOB       | DOT       | BD               |
+-----+-----+-----+-----+
| vinod | 1994-01-05 | 05:25:45  | 1994-01-05 05:25:45 |
| anant | 2004-07-10 | 01:07:17  | 2004-07-10 01:07:17 |
+-----+-----+-----+-----+
2 rows in set (0.00 sec)
```

**mysql> insert into datestudents values('vinod',curdate(),curtime(),now());**

Query OK, 1 row affected (0.01 sec)



**mysql> select\*from datestudents;**

NAME	DOB	DOT	BD
vinod	1994-01-05	05:25:45	1994-01-05 05:25:45
anant	2004-07-10	01:07:17	2004-07-10 01:07:17
vinod	2023-04-27	10:21:03	2023-04-27 10:21:03

3 rows in set (0.00 sec)

**mysql> insert into datestudents values('dhruv',curdate(),curtime(),now());**

Query OK, 1 row affected (0.01 sec)

**mysql> select\*from datestudents;**

NAME	DOB	DOT	BD
vinod	1994-01-05	05:25:45	1994-01-05 05:25:45
anant	2004-07-10	01:07:17	2004-07-10 01:07:17
vinod	2023-04-27	10:21:03	2023-04-27 10:21:03
dhruv	2023-04-27	10:21:15	2023-04-27 10:21:15

4 rows in set (0.00 sec)

### ----- : FOREIGN KEY : -----

**mysql> create table customers(CID int not null auto\_increment primary key,CNAME varchar(55),EMAIL varchar(100));**

Query OK, 0 rows affected (0.03 sec)

**mysql> create table orders(OID int not null auto\_increment primary key,ODATE date,CID int,foreign key(CID) references customers(CID));**

Query OK, 0 rows affected (0.04 sec)

**mysql> desc customers;**

Field	Type	Null	Key	Default	Extra
CID	int	NO	PRI	NULL	auto_increment
CNAME	varchar(55)	YES		NULL	
EMAIL	varchar(100)	YES		NULL	

3 rows in set (0.00 sec)

**mysql> desc orders;**

Field	Type	Null	Key	Default	Extra
OID	int	NO	PRI	NULL	auto_increment
ODATE	date	YES		NULL	
CID	int	YES	MUL	NULL	

3 rows in set (0.00 sec)

**mysql> insert into customers values(1,'anant','anant204@gmail.com');**

Query OK, 1 row affected (0.01 sec)

**mysql> insert into customers values(2,'dhruv','dhruv565@gmail.com');**

Query OK, 1 row affected (0.01 sec)

**mysql> insert into customers values(3,'kenil','kenil585@gmail.com');**

Query OK, 1 row affected (0.01 sec)

**mysql> select\*from customers;**

CID	CNAME	EMAIL
1	anant	anant204@gmail.com
2	dhruv	dhruv565@gmail.com
3	kenil	kenil585@gmail.com

3 rows in set (0.00 sec)

**mysql> insert into orders values(1,'2019/05/05',1);**

Query OK, 1 row affected (0.01 sec)

**mysql> insert into orders values(2,'2020/08/04',2);**

Query OK, 1 row affected (0.00 sec)

**mysql> insert into orders values(3,'2021/04/08',3);**

Query OK, 1 row affected (0.00 sec)

**mysql> alter table orders add amount int;**

Query OK, 0 rows affected (0.03 sec)

Records: 0 Duplicates: 0 Warnings: 0

**mysql> select\*from orders;**

OID	ODATE	CID	amount
1	2019-05-05	1	NULL
2	2020-08-04	2	NULL
3	2021-04-08	3	NULL

3 rows in set (0.00 sec)

**mysql> update orders set amount=250 where OID=1;**

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

**mysql> update orders set amount=350 where OID=2;**

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

**mysql> update orders set amount=450 where OID=3;**

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

**mysql> select\*from orders;**

OID	ODATE	CID	amount
1	2019-05-05	1	250
2	2020-08-04	2	350
3	2021-04-08	3	450

3 rows in set (0.00 sec)

----- : SQL JOIN : -----

----- : INNER JOIN : -----

mysql> select \* from customers, orders where customers.CID=orders.CID order by ODATE;

CID	CNAME	EMAIL	OID	ODATE	CID	amount
1	anant	anant204@gmail.com	1	2019-05-05	1	250
2	dhruv	dhruv565@gmail.com	2	2020-08-04	2	350
3	kenil	kenil585@gmail.com	3	2021-04-08	3	450

3 rows in set (0.00 sec)

mysql> select CNAME,EMAIL,ODATE from customers inner join orders on customers.CID=orders.OID;

CNAME	EMAIL	ODATE
anant	anant204@gmail.com	2019-05-05
dhruv	dhruv565@gmail.com	2020-08-04
kenil	kenil585@gmail.com	2021-04-08

3 rows in set (0.00 sec)

mysql> select CNAME,EMAIL,ODATE,amount from customers inner join orders on customers.CID=orders.OID;

CNAME	EMAIL	ODATE	amount
anant	anant204@gmail.com	2019-05-05	250
dhruv	dhruv565@gmail.com	2020-08-04	350
kenil	kenil585@gmail.com	2021-04-08	450

3 rows in set (0.00 sec)

----- : Column 'CID' in fields list is ambiguous : -----

mysql> select CNAME,ODATE,amount,CID from customers join orders on customers.CID=orders.CID;

ERROR 1052 (23000): Column 'CID' in field list is ambiguous

ERROR : - { BEACUSE 2 FIELDS LIST 'CID' IN TABLE }

```
mysql> select CNAME,ODATE,amount,CID from customers join orders on customers.CID=orders.CID;
ERROR 1052 (23000): Column 'CID' in field list is ambiguous
```

mysql> select CNAME,ODATE,amount,customers.CID from customers join orders on customers.CID=orders.CID;

```
+-----+-----+-----+-----+
| CNAME | ODATE      | amount | CID |
+-----+-----+-----+-----+
| anant | 2019-05-05 | 250    | 1   |
| dhruv | 2020-08-04 | 350    | 2   |
| kenil | 2021-04-08 | 450    | 3   |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

----- : LEFT JOIN : -----

mysql> insert into customers values(5,'het','het209@gmail.com');

Query OK, 1 row affected (0.01 sec)

mysql> select\*from customers;

```
+-----+-----+-----+-----+
| CID | CNAME | EMAIL
+-----+-----+-----+-----+
| 1   | anant | anant204@gmail.com
| 2   | dhruv | dhruv565@gmail.com
| 3   | kenil | kenil585@gmail.com
| 5   | het   | het209@gmail.com
+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

mysql> select\*from customers left join orders on customers.CID=orders.CID;

CID	CNAME	EMAIL	OID	ODATE	CID	amount
1	anant	anant204@gmail.com	1	2019-05-05	1	250
2	dhruv	dhruv565@gmail.com	2	2020-08-04	2	350
3	kenil	kenil585@gmail.com	3	2021-04-08	3	450
5	het	het209@gmail.com	NULL	NULL	NULL	NULL

4 rows in set (0.00 sec)

----- : RIGHT JOIN : -----

mysql> select\*from customers right join orders on  
customers.CID=orders.CID;

CID	CNAME	EMAIL	OID	ODATE	CID	amount
1	anant	anant204@gmail.com	1	2019-05-05	1	250
2	dhruv	dhruv565@gmail.com	2	2020-08-04	2	350
3	kenil	kenil585@gmail.com	3	2021-04-08	3	450

3 rows in set (0.00 sec)