

INSERTING VALUES:

```
mysql> INSERT INTO PLAYLIST
VALUES(9,9,'Varnika','July2023',18),(10,10,'Deepu','Sept2022',15);
Query OK, 2 rows affected (0.01 sec)
Records: 2 Duplicates: 0 Warnings: 0
```

```
mysql>
mysql> SELECT * FROM PLAYLIST;
+----+-----+-----+-----+-----+
| ID | USER_ID | Name    | Createdate | Totalsongs |
+----+-----+-----+-----+-----+
| 1 | 1 | Lekha   | Jan2024   | 13 |
| 2 | 2 | Shrilekha | Dec2023   | 12 |
| 3 | 3 | Vaishnavi | Jun2024   | 18 |
| 4 | 4 | Sreya     | Dec2024   | 19 |
| 5 | 5 | Mounika   | July2024  | 18 |
| 6 | 6 | Priya     | Sept2024  | 15 |
| 7 | 7 | Veena     | Feb2024   | 15 |
| 8 | 8 | Sharavya  | Sept2023  | 13 |
| 9 | 9 | Varnika   | July2023  | 18 |
| 10 | 10 | Deepu     | Sept2022  | 15 |
+----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

DISPLAYING RECORDS IN THE TABLE:

```
mysql> SELECT * FROM PLAYLIST;
+----+-----+-----+-----+-----+
| ID | USER_ID | Name    | Createdate | Totalsongs |
+----+-----+-----+-----+-----+
| 1 | 1 | Lekha   | Jan2024   | 13 |
| 2 | 2 | Shrilekha | Dec2023   | 12 |
| 3 | 3 | Vaishnavi | Jun2024   | 18 |
| 4 | 4 | Sreya     | Dec2024   | 19 |
| 5 | 5 | Mounika   | July2024  | 18 |
| 6 | 6 | Priya     | Sept2024  | 15 |
| 7 | 7 | Veena     | Feb2024   | 15 |
| 8 | 8 | Sharavya  | Sept2023  | 13 |
| 9 | 9 | Varnika   | July2023  | 18 |
| 10 | 10 | Deepu     | Sept2022  | 15 |
+----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

DROP A COLUMN:

ALTER TABLE PLAYLIST

-> DROP COLUMN Totalsongs;

Query OK, 0 rows affected (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM PLAYLIST;

```
+----+-----+-----+-----+
| ID | USER_ID | Name      | Createdate |
+----+-----+-----+-----+
| 1 | 1 | Lekha    | Jan2024    |
| 2 | 2 | Shrilekha | Dec2023    |
| 3 | 3 | Vaishnavi | Jun2024    |
| 4 | 4 | Sreya     | Dec2024    |
| 5 | 5 | Mounika   | July2024   |
| 6 | 6 | Priya     | Sept2024   |
| 7 | 7 | Veena     | Feb2024    |
| 8 | 8 | Sharavya  | Sept2023   |
| 9 | 9 | Varnika   | July2023   |
| 10 | 10 | Deepu     | Sept2022   |
+----+-----+-----+-----+
```

10 rows in set (0.00 sec)

ADD NEW COLUMN:

ALTER TABLE PLAYLIST

-> ADD Totalsongs INT(10);

Query OK, 0 rows affected, 1 warning (0.04 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> SELECT * FROM PLAYLIST;

```
+----+-----+-----+-----+-----+
| ID | USER_ID | Name      | Createdate | Totalsongs |
+----+-----+-----+-----+-----+
| 1 | 1 | Lekha    | Jan2024    | NULL |
| 2 | 2 | Shrilekha | Dec2023    | NULL |
| 3 | 3 | Vaishnavi | Jun2024    | NULL |
| 4 | 4 | Sreya     | Dec2024    | NULL |
| 5 | 5 | Mounika   | July2024   | NULL |
| 6 | 6 | Priya     | Sept2024   | NULL |
| 7 | 7 | Veena     | Feb2024    | NULL |
| 8 | 8 | Sharavya  | Sept2023   | NULL |
| 9 | 9 | Varnika   | July2023   | NULL |
| 10 | 10 | Deepu     | Sept2022   | NULL |
+----+-----+-----+-----+-----+
```

10 rows in set (0.00 sec)

SHOW COLUMNS:

SHOW COLUMNS FROM PLAYLIST;

```
+-----+-----+-----+-----+-----+
| Field  | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| ID     | int       | NO   | PRI | NULL    |      |
| USER_ID | int       | YES  | MUL | NULL    |      |
| Name   | varchar(100) | YES  |     | NULL    |      |
| Createdate | varchar(20) | YES  |     | NULL    |      |
| Totalsongs | int       | YES  |     | NULL    |      |
+-----+-----+-----+-----+-----+
5 rows in set (0.01 sec)
```

DROP A TABLE:

DROP TABLE PLAYLIST;

Query OK, 0 rows affected (0.03 sec)

mysql> SELECT * FROM PLAYLIST;

ERROR 1146 (42S02): Table 'music_streaming_system.playlist' doesn't exist

RENAME:

SELECT * FROM ARTISTS;

```
+-----+-----+-----+-----+-----+
| Artist_ID | Name          | Genre   | Country | Debutyear |
+-----+-----+-----+-----+-----+
| 1 | S.P.B        | Melodies | India   | 1966 |
| 2 | S.Thaman     | Mass     | India   | 2010 |
| 3 | Devi Sri Prasad | Item Songs | India   | 1997 |
| 4 | K.S.Chithra   | Melodies | India   | 1986 |
| 5 | Ghantasala    | Classical | India   | 1951 |
| 6 | Susheela      | Melodies | India   | 1954 |
| 7 | S.Janaki      | Classical | India   | 1957 |
| 8 | Revanth       | Mass     | India   | 2015 |
| 9 | Ramana Gogula | Mass     | India   | 1996 |
| 10 | Geetha Madhuri | Mass     | India   | 2008 |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

```
mysql> ALTER TABLE ARTISTS RENAME TO SINGERS;  
Query OK, 0 rows affected (0.04 sec)
```

```
mysql> SELECT * FROM SINGERS;
```

```
+-----+-----+-----+-----+-----+  
| Artist_ID | Name      | Genre   | Country | Debutyear |  
+-----+-----+-----+-----+-----+  
| 1 | S.P.B      | Melodies | India   | 1966 |  
| 2 | S.Thaman    | Mass     | India   | 2010 |  
| 3 | Devi Sri Prasad | Item Songs | India   | 1997 |  
| 4 | K.S.Chithra  | Melodies | India   | 1986 |  
| 5 | Ghantasala   | Classical | India   | 1951 |  
| 6 | Susheela     | Melodies | India   | 1954 |  
| 7 | S.Janaki     | Classical | India   | 1957 |  
| 8 | Revanth      | Mass     | India   | 2015 |  
| 9 | Ramana Gogula | Mass     | India   | 1996 |  
| 10 | Geetha Madhuri | Mass     | India   | 2008 |  
+-----+-----+-----+-----+-----+  
10 rows in set (0.00 sec)
```

RENAME A COLUMN NAME:

```
SELECT * FROM SINGERS;
```

```
+-----+-----+-----+-----+-----+  
| Artist_ID | Name      | Genre   | Country | Debutyear |  
+-----+-----+-----+-----+-----+  
| 1 | S.P.B      | Melodies | India   | 1966 |  
| 2 | S.Thaman    | Mass     | India   | 2010 |  
| 3 | Devi Sri Prasad | Item Songs | India   | 1997 |  
| 4 | K.S.Chithra  | Melodies | India   | 1986 |  
| 5 | Ghantasala   | Classical | India   | 1951 |  
| 6 | Susheela     | Melodies | India   | 1954 |  
| 7 | S.Janaki     | Classical | India   | 1957 |  
| 8 | Revanth      | Mass     | India   | 2015 |  
| 9 | Ramana Gogula | Mass     | India   | 1996 |  
| 10 | Geetha Madhuri | Mass     | India   | 2008 |  
+-----+-----+-----+-----+-----+  
10 rows in set (0.00 sec)
```

```
mysql> ALTER TABLE SINGERS
-> RENAME COLUMN
-> Artist_ID to S_ID;
Query OK, 0 rows affected (0.03 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> SELECT * FROM SINGERS;
+-----+-----+-----+-----+
| S_ID | Name          | Genre   | Country | Debutyear |
+-----+-----+-----+-----+
| 1 | S.P.B         | Melodies | India   | 1966      |
| 2 | S.Thaman      | Mass     | India   | 2010      |
| 3 | Devi Sri Prasad | Item Songs | India   | 1997      |
| 4 | K.S.Chithra    | Melodies | India   | 1986      |
| 5 | Ghantasala     | Classical | India   | 1951      |
| 6 | Susheela       | Melodies | India   | 1954      |
| 7 | S.Janaki       | Classical | India   | 1957      |
| 8 | Revanth        | Mass     | India   | 2015      |
| 9 | Ramana Gogula  | Mass     | India   | 1996      |
| 10 | Geetha Madhuri | Mass     | India   | 2008      |
+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

CREATE A VIEW:

```
CREATE VIEW SVIEW AS SELECT * FROM SINGERS;
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> SELECT * FROM SVIEW;
+-----+-----+-----+-----+
| S_ID | Name          | Genre   | Country | Debutyear |
+-----+-----+-----+-----+
| 1 | S.P.B         | Melodies | India   | 1966      |
| 2 | S.Thaman      | Mass     | India   | 2010      |
| 3 | Devi Sri Prasad | Item Songs | India   | 1997      |
| 4 | K.S.Chithra    | Melodies | India   | 1986      |
| 5 | Ghantasala     | Classical | India   | 1951      |
| 6 | Susheela       | Melodies | India   | 1954      |
| 7 | S.Janaki       | Classical | India   | 1957      |
| 8 | Revanth        | Mass     | India   | 2015      |
| 9 | Ramana Gogula  | Mass     | India   | 1996      |
| 10 | Geetha Madhuri | Mass     | India   | 2008      |
+-----+-----+-----+-----+
10 rows in set (0.01 sec)
```

UPDATE A VIEW:

UPDATE SVIEW SET GENRE='MASSSONGS' WHERE S_ID IN (8,9,10);

Query OK, 3 rows affected (0.02 sec)

Rows matched: 3 Changed: 3 Warnings: 0

mysql>

mysql> SELECT * FROM SVIEW;

S_ID	Name	Genre	Country	Debutyear
1	S.P.B	Melodies	India	1966
2	S.Thaman	Mass	India	2010
3	Devi Sri Prasad	Item Songs	India	1997
4	K.S.Chithra	Melodies	India	1986
5	Ghantasala	Classical	India	1951
6	Susheela	Melodies	India	1954
7	S.Janaki	Classical	India	1957
8	Revanth	MASSSONGS	India	2015
9	Ramana Gogula	MASSSONGS	India	1996
10	Geetha Madhuri	MASSSONGS	India	2008

10 rows in set (0.00 sec)

SHOW FULL TABLES WHERE TABLE_TYPE = 'VIEW';

Tables_in_music_streaming_system	Table_type
sview	VIEW

1 row in set (0.01 sec)

mysql>

RENAME A VIEW:

```
mysql> RENAME TABLE SVIEW TO SINGERSVIEW;  
Query OK, 0 rows affected (0.02 sec)
```

```
mysql>
```

```
mysql> SELECT * FROM SINGERSVIEW;
```

S_ID	Name	Genre	Country	Debutyear
1	S.P.B	Melodies	India	1966
2	S.Thaman	Mass	India	2010
3	Devi Sri Prasad	Item Songs	India	1997
4	K.S.Chithra	Melodies	India	1986
5	Ghantasala	Classical	India	1951
6	Susheela	Melodies	India	1954
7	S.Janaki	Classical	India	1957
8	Revanth	MASSSONGS	India	2015
9	Ramana Gogula	MASSSONGS	India	1996
10	Geetha Madhuri	MASSSONGS	India	2008

```
10 rows in set (0.00 sec)
```

DROP A VIEW:

```
DROP VIEW SINGERSVIEW;  
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> SELECT * FROM SINGERSVIEW;  
ERROR 1146 (42S02): Table 'music_streaming_system.singersview' doesn't exist
```

CREATE AN INDEX:

```
CREATE INDEX SINGERINDEX ON  
SINGERS(S_ID,NAME,GENRE,COUNTRY,DEBUTYEAR);  
Query OK, 0 rows affected (0.09 sec)  
Records: 0 Duplicates: 0 Warnings: 0
```


DROP AN INDEX:

```
DROP INDEX SINGERINDEX ON USERS;
ERROR 1091 (42000): Can't DROP 'SINGERINDEX'; check that column/key exists
mysql> DROP INDEX UINDEX ON USERS;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> SHOW INDEX FROM USERS;
```

```
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
| Table | Non_unique | Key_name | Seq_in_index | Column_name | Collation | Cardinality |
Sub_part | Packed | Null | Index_type | Comment | Index_comment | Visible | Expression |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
| users |      0 | PRIMARY |      1 | USER_ID |   A      |      10 |  NULL | NULL |   |
BTREE   |   |   | YES | NULL |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

WHERE CONDITION:

```
SELECT * FROM USERS;
+-----+-----+-----+-----+-----+
| USER_ID | NAME      | Email                | Phone | Address  |
+-----+-----+-----+-----+-----+
| 1 | Lekha    | mlekha@gmail.com    | 56898 | Hyderabad |
| 2 | Shrilekha | mslekh2002a@gmail.com | 567548 | Hyderabad |
| 3 | Vaishnavi | vaishu@gmail.com    | 234561 | Bangalore |
| 4 | Sreya     | sreya@gmail.com     | 678903 | Tenali    |
| 5 | Veena     | veena23@gmail.com   | 780099 | Guntur    |
| 6 | Monuika   | mounika@gmail.com   | 567809 | Hyderabad |
| 7 | Priya     | priya14@gmail.com   | 234890 | Bangalore |
| 8 | Shravya   | shrava23@gmail.com  | 906543 | Pune      |
| 9 | Varnika   | varnika@gmail.com   | 780980 | Kakinada  |
| 10 | Deepu     | Deepu19@gmail.com   | 678906 | Peddapuram |
+-----+-----+-----+-----+-----+
10 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM USERS WHERE Address='HYDERABAD';
```

```
+-----+-----+-----+-----+-----+
| USER_ID | NAME      | Email                | Phone | Address |
+-----+-----+-----+-----+-----+
| 1 | Lekha    | mlekha@gmail.com    | 56898 | Hyderabad |
| 2 | Shrilekha | mslekh2002a@gmail.com | 567548 | Hyderabad |
| 6 | Monuika   | mounika@gmail.com   | 567809 | Hyderabad |
+-----+-----+-----+-----+-----+
```

3 rows in set (0.00 sec)

AND IN WHERE CLAUSE:

```
mysql> SELECT * FROM ALBUMS;
```

```
+-----+-----+-----+-----+-----+
| ALBUM_ID | Name                | Artist_ID | ReleaseDate | MusicDirector |
+-----+-----+-----+-----+-----+
| 1 | Bobbili Raja        | 1 | 1990 | RAJ-KOTI |
| 2 | Annamayya           | 1 | 1997 | M.M.Keeravani |
| 3 | Kick                | 2 | 2009 | Thaman |
| 4 | Ala Vaikunthapuramulo | 1 | 2020 | Thaman |
| 5 | Arya                | 3 | 2004 | DSP |
| 6 | Legend              | 3 | 2014 | DSP |
| 7 | Kshna Kshanam       | 4 | 1991 | K.S.Chithra |
| 8 | Sye                 | 4 | 2004 | K.S.Chithra |
| 9 | Bali Peetam         | 5 | 1959 | T.V.Raju |
| 10 | Maya Bazaar         | 5 | 1957 | T.V.Raju |
| 11 | Shavukaru           | 6 | 1950 | T.V.Raju |
| 12 | Missamma            | 6 | 1955 | T.V.Raju |
| 13 | Pelli Samdadi       | 7 | 1996 | A.R.Rahman |
| 14 | Bhookailas          | 7 | 1958 | T.V.Raju |
| 15 | Savyasachi          | 8 | 2018 | M.M.Keeravani |
| 16 | Venky Mama          | 8 | 2019 | S.Thaman |
| 17 | Bangaram            | 9 | 2006 | Ramana Gogula |
| 18 | Nvve Nuvve          | 9 | 2002 | Ramana Gogula |
| 19 | Eega                | 10 | 2012 | M.M.Keeravani |
| 20 | Sarainodu           | 10 | 2016 | S.Thaman |
+-----+-----+-----+-----+-----+
```

20 rows in set (0.00 sec)

SELECT * FROM ALBUMS WHERE Artist_ID='1' AND MusicDirector='THAMAN';

ALBUM_ID	Name	Artist_ID	ReleaseDate	MusicDirector
4	Ala Vaikunthapuramulo	1	2020	Thaman

1 row in set (0.01 sec)

OR CONDITION IN WHERE CLAUSE;

SELECT Name FROM ALBUMS WHERE Artist_ID='1' OR MusicDirector='THAMAN';

Name
Bobbili Raja
Annamayya
Kick
Ala Vaikunthapuramulo

4 rows in set (0.00 sec)

NOT CONDITION IN WHERE CLAUSE;

SELECT Name,ReleaseDate FROM ALBUMS WHERE NOT(Artist_ID='1' OR MusicDirector='THAMAN');

Name	ReleaseDate
Arya	2004
Legend	2014
Kshna Kshanam	1991
Sye	2004
Bali Peetam	1959
Maya Bazaar	1957
Shavukaru	1950
Missamma	1955
Pelli Samdadi	1996
Bhookailas	1958
Savyasachi	2018
Venky Mama	2019
Bangaram	2006
Nvve Nuvve	2002
Eega	2012
Sarainodu	2016

16 rows in set (0.00 sec)

```
SELECT Name,ReleaseDate FROM ALBUMS WHERE ReleaseDate NOT BETWEEN '1950'
AND '1980';
```

```
+-----+-----+
| Name          | ReleaseDate |
+-----+-----+
| Bobbili Raja  | 1990 |
| Annamayya     | 1997 |
| Kick          | 2009 |
| Ala Vaikunthapuramulo | 2020 |
| Arya          | 2004 |
| Legend        | 2014 |
| Kshna Kshanam | 1991 |
| Sye           | 2004 |
| Pelli Samdadi | 1996 |
| Savyasachi    | 2018 |
| Venky Mama    | 2019 |
| Bangaram      | 2006 |
| Nvve Nuvve    | 2002 |
| Eega          | 2012 |
| Sarainodu     | 2016 |
+-----+-----+
```

15 rows in set (0.01 sec)

LIMIT:

```
SELECT Name,ReleaseDate FROM ALBUMS WHERE ReleaseDate NOT BETWEEN '1950'
AND '1980' LIMIT 2;
```

```
+-----+-----+
| Name          | ReleaseDate |
+-----+-----+
| Bobbili Raja  | 1990 |
| Annamayya     | 1997 |
+-----+-----+
```

2 rows in set (0.00 sec)

UPDATE:

```
mysql> UPDATE ALBUMS SET Artist_ID = '2' WHERE ALBUM_ID='4';
```

```
Query OK, 1 row affected (0.01 sec)
```

```
Rows matched: 1 Changed: 1 Warnings: 0
```

```
SELECT * FROM ALBUMS;
```

ALBUM_ID	Name	Artist_ID	ReleaseDate	MusicDirector
1	Bobbili Raja	1	1990	RAJ-KOTI
2	Annamayya	1	1997	M.M.Keeravani
3	Kick	2	2009	Thaman
4	Ala Vaikunthapuramulo	2	2020	Thaman
5	Arya	3	2004	DSP
6	Legend	3	2014	DSP
7	Kshna Kshanam	4	1991	K.S.Chithra
8	Sye	4	2004	K.S.Chithra
9	Bali Peetam	5	1959	T.V.Raju
10	Maya Bazaar	5	1957	T.V.Raju
11	Shavukaru	6	1950	T.V.Raju
12	Missamma	6	1955	T.V.Raju
13	Pelli Samdadi	7	1996	A.R.Rahman
14	Bhookailas	7	1958	T.V.Raju
15	Savyasachi	8	2018	M.M.Keeravani
16	Venky Mama	8	2019	S.Thaman
17	Bangaram	9	2006	Ramana Gogula
18	Nvve Nuvve	9	2002	Ramana Gogula
19	Eega	10	2012	M.M.Keeravani
20	Sarainodu	10	2016	S.Thaman

```
20 rows in set (0.00 sec)
```

DELETE:

SELECT * FROM SONGS;

+-----+-----+-----+-----+-----+				
Song_ID	Name	ALBUM_ID	Duration	Popolarity
+-----+-----+-----+-----+-----+				
1	BalapamPatti	1	4mins	Good
2	Podagantimayya	2	4mins	Good
3	Gore Gore	3	5mins	Good
4	OMG Daddy	4	4mins	Good
5	A ante Amalapuram	5	5mins	Very Good
6	He is the legend	6	4mins	VeryGood
7	Jaamu Ratiri	7	5mins	VeryGood
8	Nalla Nallani	8	4mins	Good
9	Chandamama Raave	9	5mins	Good
10	Ahana Pellanta	10	4mins	VeryGood
11	Viraha Viyatha	11	5mins	Good
12	Yemito ee maya	12	4mins	Good
13	Soundarya Lahari	13	5mins	Good
14	Deva Mahadeva	14	4mins	Good
15	Okkarante okkaru	11	5mins	Good
16	Venky Mama	16	4mins	Good
17	Jai Sahmbo Shambo	17	5mins	VeryGood
18	Nuvve Nuvve	18	4mins	VeryGood
19	Eega Eega	19	5mins	Good
20	Private Party	20	4mins	Good
+-----+-----+-----+-----+-----+				

20 rows in set (0.00 sec)

mysql> DELETE FROM SONGS WHERE Duration>'4';

Query OK, 20 rows affected (0.02 sec)

mysql> SELECT * FROM SONGS;

Empty set (0.00 sec)

MIN:

SELECT * FROM ALBUMS;

+-----+-----+-----+-----+-----+				
ALBUM_ID	Name	Artist_ID	ReleaseDate	MusicDirector
+-----+-----+-----+-----+-----+				
1	Bobbili Raja	1	1990	RAJ-KOTI
2	Annamayya	1	1997	M.M.Keeravani

3	Kick	2	2009	Thaman
4	Ala Vaikunthapuramulo	2	2020	Thaman
5	Arya	3	2004	DSP
6	Legend	3	2014	DSP
7	Kshna Kshanam	4	1991	K.S.Chithra
8	Sye	4	2004	K.S.Chithra
9	Bali Peetam	5	1959	T.V.Raju
10	Maya Bazaar	5	1957	T.V.Raju
11	Shavukaru	6	1950	T.V.Raju
12	Missamma	6	1955	T.V.Raju
13	Pelli Samdadi	7	1996	A.R.Rahman
14	Bhookailas	7	1958	T.V.Raju
15	Savyasachi	8	2018	M.M.Keeravani
16	Venky Mama	8	2019	S.Thaman
17	Bangaram	9	2006	Ramana Gogula
18	Nvve Nuvve	9	2002	Ramana Gogula
19	Eega	10	2012	M.M.Keeravani
20	Sarainodu	10	2016	S.Thaman

20 rows in set (0.00 sec)

```
mysql> SELECT MIN(ReleaseDate) FROM ALBUMS;
```

MIN(ReleaseDate)
1950

1 row in set (0.01 sec)

MAX:

```
mysql> SELECT MAX(ReleaseDate) FROM ALBUMS WHERE Artist_ID='8';
```

MAX(ReleaseDate)
2019

1 row in set (0.00 sec)

COUNT:

```
SELECT COUNT(ReleaseDate) FROM ALBUMS WHERE ReleaseDate<='2000';
```

```
+-----+
```

```
| COUNT(ReleaseDate) |
```

```
+-----+
```

```
|          9 |
```

```
+-----+
```

```
1 row in set (0.01 sec)
```

AVERAGE:

```
SELECT AVG(ReleaseDate) FROM ALBUMS WHERE MusicDirector='Thaman';
```

```
+-----+
```

```
| AVG(ReleaseDate) |
```

```
+-----+
```

```
|    2014.5000 |
```

```
+-----+
```

```
1 row in set (0.00 sec)
```

SUM:

```
SELECT SUM(ReleaseDate) FROM ALBUMS WHERE ReleaseDate<='2000';
```

```
+-----+
```

```
| SUM(ReleaseDate) |
```

```
+-----+
```

```
|    17753 |
```

```
+-----+
```

```
1 row in set (0.00 sec)
```


ORDER BY:

SELECT * FROM ALBUMS ORDER BY ReleaseDate;

ALBUM_ID	Name	Artist_ID	ReleaseDate	MusicDirector
11	Shavukaru	6	1950	T.V.Raju
12	Missamma	6	1955	T.V.Raju
10	Maya Bazaar	5	1957	T.V.Raju
14	Bhookailas	7	1958	T.V.Raju
9	Bali Peetam	5	1959	T.V.Raju
1	Bobbili Raja	1	1990	RAJ-KOTI
7	Kshna Kshanam	4	1991	K.S.Chithra
13	Pelli Samdadi	7	1996	A.R.Rahman
2	Annamayya	1	1997	M.M.Keeravani
18	Nvve Nuvve	9	2002	Ramana Gogula
5	Arya	3	2004	DSP
8	Sye	4	2004	K.S.Chithra
17	Bangaram	9	2006	Ramana Gogula
3	Kick	2	2009	Thaman
19	Eega	10	2012	M.M.Keeravani
6	Legend	3	2014	DSP
20	Sarainodu	10	2016	S.Thaman
15	Savyasachi	8	2018	M.M.Keeravani
16	Venky Mama	8	2019	S.Thaman
4	Ala Vaikunthapuramulo	2	2020	Thaman

20 rows in set (0.00 sec)

DESCENDING ORDER:

SELECT * FROM ALBUMS ORDER BY ReleaseDate DESC;

ALBUM_ID	Name	Artist_ID	ReleaseDate	MusicDirector
4	Ala Vaikunthapuramulo	2	2020	Thaman
16	Venky Mama	8	2019	S.Thaman
15	Savyasachi	8	2018	M.M.Keeravani
20	Sarainodu	10	2016	S.Thaman
6	Legend	3	2014	DSP
19	Eega	10	2012	M.M.Keeravani
3	Kick	2	2009	Thaman
17	Bangaram	9	2006	Ramana Gogula
5	Arya	3	2004	DSP
8	Sye	4	2004	K.S.Chithra
18	Nvve Nuvve	9	2002	Ramana Gogula
2	Annamayya	1	1997	M.M.Keeravani
13	Pelli Samdadi	7	1996	A.R.Rahman
7	Kshna Kshanam	4	1991	K.S.Chithra
1	Bobbili Raja	1	1990	RAJ-KOTI
9	Bali Peetam	5	1959	T.V.Raju
14	Bhookailas	7	1958	T.V.Raju
10	Maya Bazaar	5	1957	T.V.Raju
12	Missamma	6	1955	T.V.Raju
11	Shavukaru	6	1950	T.V.Raju

20 rows in set (0.00 sec)

LIKE:

ALPHABET%: DISPLAYS ONLY START WITH THAT ALPHABET.

SELECT * FROM ALBUMS WHERE Name LIKE 'A%';

ALBUM_ID	Name	Artist_ID	ReleaseDate	MusicDirector
2	Annamayya	1	1997	M.M.Keeravani
4	Ala Vaikunthapuramulo	2	2020	Thaman
5	Arya	3	2004	DSP

3 rows in set (0.00 sec)

%ALPHABET: DISPLAYS ONLY ENDS WITH THAT ALPHABET

SELECT * FROM ALBUMS WHERE Name LIKE '%A';

ALBUM_ID	Name	Artist_ID	ReleaseDate	MusicDirector
1	Bobbili Raja	1	1990	RAJ-KOTI
2	Annamayya	1	1997	M.M.Keeravani
5	Arya	3	2004	DSP
12	Missamma	6	1955	T.V.Raju
16	Venky Mama	8	2019	S.Thaman
19	Eega	10	2012	M.M.Keeravani

6 rows in set (0.01 sec)

%ALPHABET%: DISPLAYS THAT CONTAINS ALPHABET

SELECT * FROM ALBUMS WHERE Name LIKE '%AR%';

ALBUM_ID	Name	Artist_ID	ReleaseDate	MusicDirector
5	Arya	3	2004	DSP
10	Maya Bazaar	5	1957	T.V.Raju
11	Shavukaru	6	1950	T.V.Raju
17	Bangaram	9	2006	Ramana Gogula
20	Sarainodu	10	2016	S.Thaman

5 rows in set (0.00 sec)

_ALPHABET%: DISPLAYS THAT CONTAINED SECOND LETTER AS ALPHABET

SELECT * FROM ALBUMS WHERE Name LIKE '_A%';

ALBUM_ID	Name	Artist_ID	ReleaseDate	MusicDirector
9	Bali Peetam	5	1959	T.V.Raju
10	Maya Bazaar	5	1957	T.V.Raju
15	Savyasachi	8	2018	M.M.Keeravani
17	Bangaram	9	2006	Ramana Gogula
20	Sarainodu	10	2016	S.Thaman

5 rows in set (0.00 sec)

ALPHABET1%ALPHABET2: _DISPLAYS ONLY START WITH THAT ALPHABET1 AND
DISPLAYS ONLY ENDS WITH THAT ALPHABET2.

```
SELECT * FROM ALBUMS WHERE Name LIKE 'A%O';
```

```
+-----+-----+-----+-----+-----+
| ALBUM_ID | Name           | Artist_ID | ReleaseDate | MusicDirector |
+-----+-----+-----+-----+-----+
|      4 | Ala Vaikunthapuramulo |      2 |      2020 | Thaman      |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```