

```
mysql> use music_company
```

```
Database changed
```

```
mysql> CREATE VIEW SongAlbumSingerView AS
```

```
-> SELECT s.song_id, s.song_name, s.genre, a.album_name, a.release_date,  
si.singer_name
```

```
-> FROM songs s
```

```
-> JOIN album a ON s.album_id = a.album_id
```

```
-> JOIN singer si ON s.singer_id = si.singer_id;
```

```
Query OK, 0 rows affected (0.30 sec)
```

```
mysql> CREATE VIEW ComposerGenreView AS
```

```
-> SELECT c.composer_id, c.composer_name, c.gender, c.contact, c.composer_scale,  
c.composer_genre
```

```
-> FROM composer c;
```

```
Query OK, 0 rows affected (0.03 sec)
```

```
mysql> desc VIEW SongAlbumSingerView;
```

```
ERROR 1146 (42S02): Table 'music_company.view' doesn't exist
```

```
mysql> select* from SongAlbumSingerView;
```

song_id	song_name	genre	album_name	release_date	singer_name
2	Song 2	Rock	Album 2	2023-02-15	Sophia Williams
4	Song 4	Electronic	Album 4	2023-04-10	Michael Brown
5	Song 5	Jazz	Album 5	2023-05-25	John Smith
6	Song 6	Blues	Album 6	2023-06-30	Robert Johnson
7	Song 7	Country	Album 7	2023-07-15	Emma Davis
8	Song 8	Classical	Album 8	2023-08-20	Emily Johnson
9	Song 9	R&B	Album 9	2023-09-05	Olivia Martinez
10	Song 10	Reggae	Album 10	2023-10-10	David Lee

```
8 rows in set (0.17 sec)
```

```
mysql> select* from ComposerGenreView;
```

composer_id	composer_name	gender	contact	composer_scale	composer_genre
2001	Michael Johnson	Male	1234567890	Tenor	Pop
2002	Emily Smith	Female	9876543210	Soprano	Rock
2003	Michael Brown	Male	5551234567	Baritone	Jazz
2004	Sophia Williams	Female	1112223333	Mezzo-soprano	R&B
2005	David Lee	Male	4445556666	Bass	Hip Hop
2006	John Smith	Male	9999999999	Tenor	Classical
2007	Emma Davis	Female	8888888888	Mezzo-soprano	Folk
2008	Andrew Johnson	Male	5555555555	Tenor	Country
2009	Olivia Adams	Female	6666666666	Soprano	Indie
2010	William Taylor	Male	7777777777	Baritone	Electronic

```
10 rows in set (0.04 sec)
```

```
mysql> UPDATE ComposerGenreView
```

```
-> SET contact = 'updated_contact_info'
```

```
-> WHERE composer_id = 2001;
```

```
Query OK, 1 row affected (0.14 sec)
```

Rows matched: 1 Changed: 1 Warnings: 0

mysql> UPDATE SongAlbumSingerView

-> SET genre = 'Pop/Rock'

-> WHERE song_id = 1;

Query OK, 0 rows affected (0.14 sec)

Rows matched: 0 Changed: 0 Warnings: 0

mysql> select* from ComposerGenreView;

composer_id	composer_name	gender	contact	composer_scale	composer_genre
2001	Michael Johnson	Male	updated_contact_info	Tenor	Pop
2002	Emily Smith	Female	9876543210	Soprano	Rock
2003	Michael Brown	Male	5551234567	Baritone	Jazz
2004	Sophia Williams	Female	1112223333	Mezzo-soprano	R&B
2005	David Lee	Male	4445556666	Bass	Hip Hop
2006	John Smith	Male	9999999999	Tenor	Classical
2007	Emma Davis	Female	8888888888	Mezzo-soprano	Folk
2008	Andrew Johnson	Male	5555555555	Tenor	Country
2009	Olivia Adams	Female	6666666666	Soprano	Indie
2010	William Taylor	Male	7777777777	Baritone	Electronic

10 rows in set (0.00 sec)

mysql> select* from SongAlbumSingerView;

song_id	song_name	genre	album_name	release_date	singer_name
2	Song 2	Rock	Album 2	2023-02-15	Sophia Williams
4	Song 4	Electronic	Album 4	2023-04-10	Michael Brown
5	Song 5	Jazz	Album 5	2023-05-25	John Smith
6	Song 6	Blues	Album 6	2023-06-30	Robert Johnson
7	Song 7	Country	Album 7	2023-07-15	Emma Davis
8	Song 8	Classical	Album 8	2023-08-20	Emily Johnson
9	Song 9	R&B	Album 9	2023-09-05	Olivia Martinez
10	Song 10	Reggae	Album 10	2023-10-10	David Lee

8 rows in set (0.00 sec)

mysql>