

```
create table Musician_info
(
musician_id int,
m_lastname varchar(225),
m_firstname varchar(225),
m_midname varchar(225),
m_dateofbirth date,
m_houseno varchar(225),
mcity varchar(225),
m_streetno varchar(225),
m_pincode varchar(225),
primary key (musician_id)
);
alter table Musician_info add m_phoneno int;
```

```
create table author_info

(
author_name varchar(30),
author_pincode varchar(20),
author_laneno varchar(20),
author_flatno varchar(20),
author_city varchar(20),
author_date_of_birth date

);
alter table author_info add author_midname varchar(225);
alter table author_info add auauthor_lastname varchar(225);
alter table author_info add author_id int;
```

```
create table instrument_info
(
instrument_id int,
instrument_name varchar(225),
instrument_musicalkey varchar(225),
primary key (instrument_id)
);
```

```
create table album
(
album_id int,
album_title varchar(225),
copyright_data date,
release_date date,
musician_id int,
primary key(album_id),
foreign key (musician_id)
references Musician_info(musician_id)
);
alter table album
drop column album_id;
alter table album
drop column album_format;
```

```
create table song
(
song_id int,
song_title varchar(225),
song_type varchar(225),
album_id int,
primary key (song_id)
);
```

```
create table Musician_email
(
emai_id1 varchar(225),
email_id2 varchar(225),
musician_id int,
primary key (musician_id),
foreign key (musician_id)
references Musician_info(musician_id)
);
```

```
create table author_email
(
  emai_id1 varchar(225),
  email_id2 varchar(225),
  author_id int,
  primary key (author_id)
);
```

```
create table musician_mobile_no
(
  mobile_no1 varchar(225),
  mobile_no2 varchar(225),
  musician_id int,
  primary key (musician_id),
  foreign key (musician_id)
  references Musician_info(musician_id)
);
```

```
create table author_mobile_no
(
  mobile_no1 varchar(225),
  mobile_no2 varchar(225)
);
```

```
alter table author_mobile_no add primary key (author_id);
alter table author_mobile_no add foreign key (author_id)
references author_info(author_id);
```

```
create table plays
(
  musician_id int,
  instrument_id int,
  primary key (instrument_id),
  foreign key (musician_id)
  references Musician_info(musician_id),
  foreign key (instrument_id)
  references instrument_info(instrument_id)
);
```

```
create table performs
(
  musician_id int,
  song_id int,
  primary key (musician_id,song_id),
  foreign key (musician_id)
  references Musician_info(musician_id),
  foreign key (song_id)
  references song(song_id)
);
```

```
create table writes
(
  author_id int,
  song_id int,
  primary key (song_id),
  foreign key (song_id)
  references song(song_id)
);
```

```
delete from Musician_info;
```

```
INSERT INTO Musician_info
values(1,'Patel','Khushi','Nitinkumar','22-08-
2002','11','Sangli','5','416415','7756893073');
INSERT INTO Musician_info
values(2,'Patel','Piyush','Nitinkumar','17-06-
2005','11','Sangli','5','416415','7756893073');
INSERT INTO Musician_info
values(3,'Bhate','Chinmayee','Prashant','06-06-
2002','2','Sangli','4','415415','889675094');
INSERT INTO Musician_info
values(4,'Patil','Sarang','Sangram','09-05-2002','3','Miraj','6','413415','7768965093');
INSERT INTO Musician_info
values(5,'Patil','Sagar','Sangram','09-05-2005','3','Miraj','6','413415','7754678620');
INSERT INTO Musician_info
values(6,'Khot','Nikita','Shivchandra','22-06-
2002','4','Kolhapur','3','412415','9890654307');
INSERT INTO Musician_info
values(7,'Kharkande','Manasi','Sunil','09-03-
2002','12','Palus','2','416417','9860851154');
INSERT INTO Musician_info
values(8,'Jacob','Shirley','Roy','28-02-2002','15','Solapur','4','417415','9976543073');
INSERT INTO Musician_info
values(9,'Nandeshwar','Veena','Ashay','17-04-
2002','3','Sangli','1','416415','7756992083');
INSERT INTO Musician_info
values(10,'Sawant','Siddhi','Umesh','27-08-
2002','3','Pune','5','413418','7756443063');
```

```
update Musician_info
set m_streetno = '5'
where musician_id = '1';
```

```
alter table Musician_info
drop column m_phoneno;
```

```
update Musician_info
set m_phoneno = '7756892064'
where musician_id = '3';
```

```
insert into author_info
```

```

values('A','416415','11','2','Sangli','12-08-
2002','7756893073','khushi22p@gmail.com','B','C',101);
insert into author_info
values('T','423425','2','8','Pune','13-03-
2000','7756894098','abcd@gmail.com','G','H',102);
insert into author_info
values('K','413425','3','6','Solapur','12-06-
1998','7756443287','xyz@gmail.com','F','U',103);
insert into author_info
values('D','456457','3','7','Mumbai','22-08-
2002','9890122307','ghjf@gmail.com','V','E',104);
insert into author_info
values('X','415412','5','3','Pune','13-03-
1975','9860786543','kmno5@gmail.com','I','O',105);
insert into author_info
values('Y','434425','4','1','Sangli','28-03-
1975','7756994023','jkhf@gmail.com','E','Q',106);
insert into author_info
values('B','465421','5','2','Palus','11-09-
2000','7908769802','op987@gmail.com','K','N',107);
insert into author_info
values('O','412435','8','2','Miraj','01-04-
2000','9934567230','knp22104@gmail.com','L','V',108);
insert into author_info
values('S','445443','1','6','Kolhapur','17-08-
2002','9907564323','bnhj@gmail.com','C','E',109);
insert into author_info
values('P','415416','3','7','Kolhapur','14-09-
2005','7768997033','ghfd@gmail.com','S','G',1010);

```

```

alter table author_info
drop column author_email;

```

```

alter table author_info
drop column author_phoneno;

```

```

insert into album
values(11,'abcd','12-09-2000','12-12-2000','1');
insert into album
values(12,'efgh','13-05-1994','5-09-1994','2');

```

```
insert into album
values(13,'higj','11-12-2000','13-03-2001','3');
insert into album
values(14,'klmo','15-09-2000','12-12-2000','4');
insert into album
values(15,'nhfjk','13-03-2005','18-06-2002','5');
insert into album
values(16,'dkjh','22-08-2002','18-12-2002','6');
insert into album
values(17,'ejkef','04-02-1999','08-05-1999','7');
insert into album
values(18,'kjfk','02-05-2003','08-07-2003','8');
insert into album
values(19,'vdgu','01-01-2000','07-05-2000','9');
insert into album
values(20,'dejkd','06-07-2001','12-12-2002','10');
```

```
delete from song;
insert into song
values(1001,'uhjk','A','11');
insert into song
values(1002,'kjhk','B','12');
insert into song
values(1003,'fmbkr','C','13');
insert into song
values(1004,'rjnk','D','14');
insert into song
values(1005,'rnkg','E','15');
insert into song
values(1006,'jrng','F','16');
insert into song
values(1007,'kjkjg','G','17');
insert into song
values(1008,'kjjgh','H','18');
insert into song
values(1009,'gjkk','I','19');
insert into song
values(1010,'rhkk','J','20');
```

```
insert into musician_email
```

```
values('12hj@gmail.com','1');
insert into musician_email
values('shdk2@yahoo.com','jhkl@gmail.com',2);
insert into musician_email
values('267hhj@abcd.com','hkh@hotmail.com',3);
insert into musician_email
values('dhkl_ok@gmail.com','4');
insert into musician_email
values('jhkl@yahoo.com','5');
insert into musician_email
values('233hvj@gmail.com','hjgk@yahoo.com',6);
insert into musician_email
values('jhthi@hotmail.com','7');
insert into musician_email
values('knp22104@gmail.com','uhoo@yahoo.com',8);
insert into musician_email
values('kjehfk@yahoo.com','hjll@hotmail.com',9);
insert into musician_email
values('jehfo@gmail.com','10');
```

```
insert into musician_mobile_no
values('7756839270','1');
insert into musician_mobile_no
values('9837635333','8364834671',2);
insert into musician_mobile_no
values('7756893073','9768596352',3);
insert into musician_mobile_no
values('7674583920','9893063672',4);
insert into musician_mobile_no
values('8942437653','5');
insert into musician_mobile_no
values('9856874848','6');
insert into musician_mobile_no
values('7756893456','7');
insert into musician_mobile_no
values('7764839399','984768748',8);
insert into musician_mobile_no
values('7764783848','9');
```


**insert into musician_mobile_no
values('9848787801',' ',10);**

**insert into author_email
values('khushi22p@gmail.com',' ',101);
insert into author_email
values('abcd@gmail.com',' ',102);
insert into author_email
values('xyz@gmail.com',' ',103);
insert into author_email
values('ghjf@gmail.com',' ',104);
insert into author_email
values('kmno5@gmail.com',' ',105);
insert into author_email
values('jkhf@gmail.com',' ',106);
insert into author_email
values('op987@gmail.com',' ',107);
insert into author_email
values('knp22104@gmail.com',' ',108);
insert into author_email
values('bnhj@gmail.com',' ',109);
insert into author_email
values('ghfd@gmail.com',' ',1010);**

**insert into author_mobile_no
values('7756894098',' ');
insert into author_mobile_no
values('7756443287',' ');
insert into author_mobile_no
values('9890122307',' ');
insert into author_mobile_no
values('9860786543',' ');
insert into author_mobile_no
values('7756994023',' ');
insert into author_mobile_no
values('7908769802',' ');
insert into author_mobile_no
values('9934567230',' ');
insert into author_mobile_no
values('9907564323',' ');**

```
insert into author_mobile_no
values('7768997033','');
insert into author_mobile_no
values('7758498475','');
```

```
insert into instrument_info
values('111','piano','');
insert into instrument_info
values('112','Flute','');
insert into instrument_info
values('113','tabla','');
insert into instrument_info
values('114','guitar','');
insert into instrument_info
values('115','melodian','');
insert into instrument_info
values('116','sitar','');
insert into instrument_info
values('117','drums','');
insert into instrument_info
values('118','mouth organ','');
insert into instrument_info
values('119','dhol','');
insert into instrument_info
values('1020','bongo','');
```

```
update instrument_info
set instrument_musicalkey = 'A'
where instrument_id = '111';
update instrument_info
set instrument_musicalkey = 'B flat'
where instrument_id = '112';
update instrument_info
set instrument_musicalkey = 'C sharp'
where instrument_id = '113';
update instrument_info
set instrument_musicalkey = 'D'
where instrument_id = '114';
update instrument_info
set instrument_musicalkey = 'B flat'
```







```
where instrument_id = '115';
update instrument_info
set instrument_musicalkey = 'C sharp'
where instrument_id = '116';
update instrument_info
set instrument_musicalkey = 'A'
where instrument_id = '117';
update instrument_info
set instrument_musicalkey = 'B flat'
where instrument_id = '118';
update instrument_info
set instrument_musicalkey = 'E'
where instrument_id = '119';
update instrument_info
set instrument_musicalkey = 'C'
where instrument_id = '1020';
```

```
insert into plays
values('1','111');
insert into plays
values('2','112');
insert into plays
values('3','113');
insert into plays
values('4','114');
insert into plays
values('5','115');
insert into plays
values('6','116');
insert into plays
values('7','117');
insert into plays
values('8','118');
insert into plays
values('9','119');
insert into plays
values('10','1020');
```

```
insert into performs
values(1,1001);
```






**insert into performs
values(2,1002);
insert into performs
values(3,1003);
insert into performs
values(4,1004);
insert into performs
values(5,1005);
insert into performs
values(6,1006);
insert into performs
values(7,1007);
insert into performs
values(8,1008);
insert into performs
values(9,1009);
insert into performs
values(10,1010);**

**insert into writes
values(101,1001);
insert into writes
values(102,1002);
insert into writes
values(103,1003);
insert into writes
values(104,1004);
insert into writes
values(105,1005);
insert into writes
values(106,1006);
insert into writes
values(107,1007);
insert into writes
values(108,1008);
insert into writes
values(109,1009);
insert into writes
values(1010,1010);**

Columns	Data	Model	Constraints	Grants	Statistics	Triggers	Flashback	Dependencies	Details	Partitions	Indexes	SQL
     	Sort..	Filter:										
	MUSICIAN_ID	M_LASTNAME	M_FIRSTNAME	M_MIDNAME	M_DATEOFBIRTH	M_HOUSENO	MCITY	M_STREETNO	M_PINCODE			
1	1	Patel	Khushi	Nitinkumar	22-08-02	11	Sangli	5	416415			
2	2	Patel	Piyush	Nitinkumar	17-06-05	11	Sangli	5	416415			
3	3	Bhate	Chinmayee	Prashant	06-06-02	2	Sangli	4	415415			
4	4	Patil	Sarang	Sangram	09-05-02	3	Miraj	6	413415			
5	5	Patil	Sagar	Sangram	09-05-05	3	Miraj	6	413415			
6	6	Khot	Nikita	Shivchandra	22-06-02	4	Kol...	3	412415			
7	7	Kharkande	Manasi	Sunil	09-03-02	12	Palus	2	416417			
8	8	Jacob	Shirley	Roy	28-02-02	15	Sol...	4	417415			
9	9	Nandeshwar	Veena	Ashay	17-04-02	3	Sangli	1	416415			
10	10	Sawant	Siddhi	Umesh	27-08-02	3	Pune	5	413418			

37_mail_order~2.sql x AUTHOR_INFO x

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL

     Sort: Filter: Action

	ANUTHOR_NAME	AUTHOR_PINCODE	AUTHOR_LANENO	AUTHOR_FLATNO	AUTHOR_CITY	AUTHOR_DATE_OF_BIRTH	AUTHOR_MIDNAME	AUUTHOR_LASTNAME	AUTHOR_ID
1	A	416415	11	2	Sangli	12-08-02	B	C	101
2	T	423425	2	8	Pune	13-03-00	G	H	102
3	K	413425	3	6	Solapur	12-06-98	F	U	103
4	D	456457	3	7	Mumbai	22-08-02	V	E	104
5	X	415412	5	3	Pune	13-03-75	I	O	105
6	Y	434425	4	1	Sangli	28-03-75	E	Q	106
7	B	465421	5	2	Palus	11-09-00	K	N	107
8	O	412435	8	2	Miraj	01-04-00	L	V	108
9	S	445443	1	6	Kolhapur	17-08-02	C	E	109
10	P	415416	3	7	Kolhapur	14-09-05	S	G	1010

37_mail_order~2.sql x 37_mail_order x INSTRUMENT_INFO x

Columns Data Model Constraints Grants Statistics Triggers Flashback Dependencies Details Parti

Sort.. Filter:

	INSTRUMENT_ID	INSTRUMENT_NAME	INSTRUMENT_MUSICALKEY
1	111	piano	A
2	112	Flute	B flat
3	113	tabla	C sharp
4	114	guitar	D
5	115	melodian	B flat
6	116	sitar	C sharp
7	117	drums	A
8	118	mouth organ	B flat
9	119	dhool	E
10	1020	bongo	C

37_mail_order~2.sql

ALBUM

Columns

Data

Model

Constraints

Grants

Statistics

Triggers

Flashback

Dependencies

Details

Partitions

Indexes







SQL

Sort..

Filter:














	ALBUM_ID	ALBUM_TITLE	COPYRIGHT_DATA	RELEASE_DATE	MUSICIAN_ID
1	11	abcd	12-09-00	12-12-00	1
2	12	efgh	13-05-94	05-09-94	2
3	13	higj	11-12-00	13-03-01	3
4	14	klmo	15-09-00	12-12-00	4
5	15	nhfjk	13-03-05	18-06-02	5
6	16	dkjh	22-08-02	18-12-02	6
7	17	ejkef	04-02-99	08-05-99	7
8	18	kjfk	02-05-03	08-07-03	8
9	19	vdgu	01-01-00	07-05-00	9
10	20	dejkd	06-07-01	12-12-02	10

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL

 | Sort.. | Filter:

	SONG_ID	SONG_TITLE	SONG_TYPE	ALBUM_ID
1	1001	uhjk	A	11
2	1002	kjhk	B	12
3	1003	fmbkr	C	13
4	1004	rjnk	D	14
5	1005	rnkg	E	15
6	1006	jrng	F	16
7	1007	kjkjg	G	17
8	1008	kjjgh	H	18
9	1009	gjjk	I	19
10	1010	rhkk	J	20

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | SQL



Sort.. | Filter:

	EMAI_ID1	EMAIL_ID2	MUSICIAN_ID
1	l2hj@gmail.com	(null)	1
2	shdk2@yahoo.com	jhkl@gmail.com	2
3	267hhj@abcd.com	hkh@hotmail.com	3
4	dhkl_ok@gmail.com	(null)	4
5	jhkl1@yahoo.com	(null)	5
6	233hvj@gmail.com	hjk@yahoo.com	6
7	jhthi@hotmail.com	(null)	7
8	knp22104@gmail.com	uhoo@yahoo.com	8
9	kjehfk@yahoo.com	hjl1@hotmail.com	9
10	jehfo@gmail.com	(null)	10

	EMAI_ID1	EMAIL_ID2	AUTHOR_ID	
1	khushi22p@gmail.com	(null)		101
2	abcd@gmail.com	(null)		102
3	xyz@gmail.com	(null)		103
4	ghjf@gmail.com	(null)		104
5	kmno5@gmail.com	(null)		105
6	jkhf@gmail.com	(null)		106
7	op987@gmail.com	(null)		107
8	knp22104@gmail.com	(null)		108
9	bnhj@gmail.com	(null)		109
10	ghfd@gmail.com	(null)		1010

37_mail_order~2.sql		PLAYS	
Columns	Data	Model	Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL
		Sort.. Filter:	
	MUSICIAN_ID	INSTRUMENT_ID	
1	1	111	
2	2	112	
3	3	113	
4	4	114	
5	5	115	
6	6	116	
7	7	117	
8	8	118	
9	9	119	
10	10	1020	

37_mail_order~2.sql		PERFORMS	
Columns	Data	Model	Constraints Grants Statistics Triggers Flashback Dependencies Details Partitions Indexes SQL
		Sort.. Filter:	
	MUSICIAN_ID	SONG_ID	
1	1	1001	
2	2	1002	
3	3	1003	
4	4	1004	
5	5	1005	
6	6	1006	
7	7	1007	
8	8	1008	
9	9	1009	
10	10	1010	

37_mail_order~2.sql

WRITES

Columns | Data | Model | Constraints | Grants | Statistics | Triggers | Flashback | Dependencies | Details | Partitions | Indexes | S

Sort..

Filter:

	AUTHOR_ID	SONG_ID
1	101	1001
2	102	1002
3	103	1003
4	104	1004
5	105	1005
6	106	1006
7	107	1007
8	108	1008
9	109	1009
10	1010	1010