Querys:

1. SELECT count(album\_id) from album where rec\_s\_date and rec\_e\_date between '2001-1-1' and '2004-1-1';

select count(song\_has\_musician.song\_song\_name)

from song\_has\_musician join musician

on musician.musician\_id = song\_has\_musician.musician\_musician\_id and musician.mus\_f\_name = 'musician' and musician.mus\_l\_name = 'a'

and song\_has\_musician.song\_rec\_date between '2000-1-20' and '2001-1-1';



select count(distinct(album\_has\_song.album\_album\_id))

from song\_has\_musician join musician

on musician.musician\_id = song\_has\_musician.musician\_musician\_id and musician.mus\_f\_name = 'musician' and musician.mus\_l\_name = 'a'

and song\_has\_musician.song\_rec\_date between '2000-1-20' and '2003-1-1'

join album\_has\_song on song\_has\_musician.song\_song\_name = album\_has\_song.song\_song\_name;



select inst\_type

from musician\_has\_instrument join musician

on musician.musician\_id = musician\_has\_instrument.musician\_musician\_id

join instrument on instrument\_instrument\_id = instrument.instrument\_id

group by inst\_type

order by count(inst\_type) desc

limit 1;



select distinct(instrument.inst\_type)

from album join album\_has\_song on album.album\_id = album\_has\_song.album\_album\_id

join song\_has\_musician on album\_has\_song.song\_song\_name = song\_has\_musician.song\_song\_name

join musician\_has\_instrument on song\_has\_musician.musician\_musician\_id = musician\_has\_instrument.musician\_musician\_id

join instrument on musician\_has\_instrument.instrument\_instrument\_id = instrument.instrument\_id

where album\_name = 'album\_a';



select concat(producer.pro\_f\_n, ' ', producer.pro\_l\_n) as producerp

from producer join album\_has\_producer on producer.producer\_id = album\_has\_producer.producer\_producer\_id

join album on album\_has\_producer.album\_album\_id = album.album\_id

where album.rec\_s\_date and album.rec\_e\_date between '2001-1-1' and '2003-1-1'

group by producer\_id

order by count(producer\_id) desc

limit 1;



select instrument.manufacturer

from album join album\_has\_song on album.album\_id = album\_has\_song.album\_album\_id

join song\_has\_musician on album\_has\_song.song\_song\_name = song\_has\_musician.song\_song\_name

join musician\_has\_instrument

on song\_has\_musician.musician\_musician\_id = musician\_has\_instrument.musician\_musician\_id

join instrument on musician\_has\_instrument.instrument\_instrument\_id = instrument.instrument\_id

group by manufacturer

order by count(manufacturer) desc

limit 1;



select count(distinct(musician\_musician\_id))

from album join album\_has\_song on album.album\_id = album\_has\_song.album\_album\_id

join song\_has\_musician on album\_has\_song.song\_song\_name = song\_has\_musician.song\_song\_name;



select concat(musf1, ' ',musl1) as mu

from (select mus\_f\_name as musf1, mus\_l\_name as musl1, song\_song\_name from song\_has\_musician join musician)as a

join (select mus\_f\_name as musf2, mus\_l\_name as musl2, song\_song\_name from song\_has\_musician join musician)as b

on a.song\_song\_name = b.song\_song\_name

group by musf1 and musl1

order by count(distinct(musf2 and musl2))

limit 1;



select genre

from song

group by genre

order by count(genre) desc

limit 1;



select tech\_f\_name, tech\_l\_name ,tech\_id

from song join technician

where song.fk\_tech\_id = technician.tech\_id

and song.rec\_date between '2005-1-1' and '2008-1-1'

group by tech\_id

order by count(tech\_id)desc

limit 1;



select album\_name

from album

order by rec\_e\_date

limit 1;



SELECT album\_has\_song.song\_song\_name

from album join album\_has\_song on album.album\_id = album\_has\_song.album\_album\_id

where album.album\_name = 'album\_a';



select concat(technician.tech\_f\_name, technician.tech\_l\_name) as tech

from album join album\_has\_song on album.album\_id = album\_has\_song.album\_album\_id

join song on song.song\_name = album\_has\_song.song\_song\_name and song.rec\_date = album\_has\_song.song\_rec\_date

join technician on technician.tech\_id = song.fk\_tech\_id

where album.album\_name = 'album\_a'

group by tech;



select concat(musician.mus\_f\_name, ' ', musician.mus\_l\_name) as mus

from musician join song\_has\_musician

on musician.musician\_id =song\_has\_musician.musician\_musician\_id

join song on song.song\_name = song\_has\_musician.song\_song\_name and song.rec\_date = song\_has\_musician.song\_rec\_date

group by mus\_f\_name , mus\_l\_name

order by count(distinct(song.genre))desc

limit 1;