Our queries:

1. SELECT \* FROM albums WHERE st\_date >=? AND fin\_date <= ?;
2. select \* from participate left join tracks on tracks.song\_id = participate.song\_id left join musicians on musicians.mus\_id = participate.mus\_id where musicians.fname = ? and ? < tracks.date and tracks.date < ? ;
3. select \* from participate left join tracks on tracks.song\_id = participate.song\_id left join musicians on musicians.mus\_id = participate.mus\_id left join contains on tracks.song\_id = contains.song\_id left join albums on contains.album\_id = albums.album\_id where fname = ? and st\_date > ? and fin\_date < ? group by contains.album\_id;
4. select instruments.name,count(instruments.inst\_id) as count from participate left join tracks on tracks.song\_id = participate.song\_id left join musicians on musicians.mus\_id = participate.mus\_id left join contains on tracks.song\_id = contains.song\_id left join albums on contains.album\_id = albums.album\_id left join play\_on on play\_on.mus\_id = musicians.mus\_id left join instruments on play\_on.inst\_id = instruments.inst\_id group by instruments.inst\_id order by count(instruments.inst\_id) DESC limit 1;
5. select \* from participate left join tracks on tracks.song\_id = participate.song\_id left join musicians on musicians.mus\_id = participate.mus\_id left join contains on tracks.song\_id = contains.song\_id left join albums on contains.album\_id = albums.album\_id left join play\_on on play\_on.mus\_id = musicians.mus\_id left join instruments on play\_on.inst\_id = instruments.inst\_id where albums.name = ? group by instruments.name;
6. select producers.name as names,count(producers.prod\_id) as count from albums left join producers on albums.prod\_id = producers.prod\_id where albums.st\_date > ? and ? < albums.fin\_date group by producers.prod\_id order by producers.prod\_id;
7. select musicians.fname as result, count(instruments.inst\_id) as count from musicians left join participate on musicians.mus\_id = participate.mus\_id left join tracks on participate.song\_id = tracks.song\_id left join play\_on on musicians.mus\_id = play\_on.mus\_id left join instruments on instruments.inst\_id = play\_on.inst\_id group by musicians.mus\_id order by musicians.mus\_id;");

select \* from participate left join musicians on musicians.mus\_id = participate.mus\_id left join tracks on participate.song\_id = tracks.song\_id group by musicians.mus\_id order by musicians.mus\_id;");

1. select \* from participate left join musicians on musicians.mus\_id = participate.mus\_id left join tracks on participate.song\_id = tracks.song\_id group by musicians.mus\_id order by musicians.mus\_id;");
2. select fname from participate left join musicians on participate.mus\_id = musicians.mus\_id left join tracks on tracks.song\_id = participate.song\_id group by participate.mus\_id having count(participate.song\_id) order by count(participate.song\_id) DESC limit 1;");
3. select genre,count(genre) as count from tracks group by genre order by count DESC limit 1;");
4. select technicians.name as result,count(tracks.tech\_id) as count from tracks left join technicians on tracks.tech\_id = technicians.tech\_id where tracks.date > ? and tracks.date < ? group by tracks.tech\_id order by count DESC limit 1");
5. select name,fin\_date from albums order by fin\_date limit 1;
6. select tracks.name as name,count(contains.song\_id) as count from contains left join albums on contains.album\_id = albums.album\_id left join tracks on contains.song\_id = tracks.song\_id group by contains.song\_id HAVING count > 1;");
7. select technicians.name as result from contains left join albums on contains.album\_id = albums.album\_id left join tracks on contains.song\_id = tracks.song\_id left join technicians on technicians.tech\_id = tracks.tech\_id group by albums.album\_id having count(tracks.tech\_id)=1;");
8. select fname result ,count(distinct genre) as count from participate left join musicians on participate.mus\_id = musicians.mus\_id left join tracks on tracks.song\_id = participate.song\_id group by fname order by count(genre) DESC;");