

פקודות sql

תאריכים=x,y

שם=Name

```
1. SELECT name
   FROM album
  WHERE DATE(recording_started)>'"+x+"'
        AND DATE(recording_ended)<'"+y+"' ;
```

```
2. SELECT NAME
   from musical_segment

  where performed_by = '"+name+"'

  AND DATE(date_of_recording)>'"+x+"'
  AND DATE(date_of_recording)<'"+y+"'
```

3.

```
SELECT distinct album.name
from musical_segment, album
where in_album = album_id and performed_by = '"+name+"'
AND DATE(date_of_recording) > '"+x+"'
AND DATE(date_of_recording) < '"+y+"'
```
4.

```
select instruments.type
from instruments
group by numofalbums
order by numofalbums desc
limit 1
```
5.

```
select distinct instruments.type
from album join musiciansxalbums
using (album_id)
join musician
using (musician_id)
join musicianxinstruments
using (musician_id)
join instruments
using (instrument_id)
where album.name = '"+name+"';
```

```
6. SELECT producer, COUNT(producer) AS magnitude
   FROM album
   where DATE(recording_started)>'"+x+"'
   AND DATE(recording_started)<'"+y+"'
   GROUP BY producer
   ORDER BY magnitude DESC
   LIMIT 1;
```

```
7. select manufacturer, sum(numofseg) as nos
   from instruments
   where manufacturer = 'yamaha'
   or manufacturer = 'metzila'
   or manufacturer = 'home_keys'
   or manufacturer = 'gibson'
   or manufacturer = 'fender'
   or manufacturer = 'sennheiser'
   or manufacturer = 'washburn'
   group by manufacturer
   order by nos desc
   limit 1
```

```
8. select distinct name
   from musician
```

```
9. select name
    from musician
    group by collab
    order by collab desc
    limit 1
```

```
10.SELECT genre, COUNT(genre) AS magnitude
    FROM musical_segment
    GROUP BY genre
    ORDER BY magnitude DESC
    LIMIT 1;
```

```
11.SELECT recorder, SUM(number_of_songs) AS total
    FROM album
    WHERE DATE(recording_started)>'"+x+"'
    AND DATE(recording_ended)<'"+y+"'
    GROUP BY recorder
    ORDER BY total desc
    limit 1;
```

```
12.Select name, min(recording_ended)
    from album;
```

```
13.select name, count(name) as counter
    from musical_segment
   group by musical_segment.name having counter >= 2
  order by counter desc
 limit 10
```

```
14.select distinct recorder
    from album
```

```
15.SELECT performed_by,    SUM(genre = 'rock'
    or genre = 'classic rock'
    or genre = 'pop'
    or genre = 'metal') AS total
   FROM musical_segment
  GROUP BY performed_by
 ORDER BY total desc
 limit 1;
```