Musicians easy sql questions

1.

Give the organiser's name of the concert in the Assembly Rooms after the first of Feb, 1997.

(Organizatörün, 1 Şubat 1997'den sonra Meclis Salonlarındaki konserin adını verin.)

```
SELECT concert.concert_orgniser, musician.m_name  FROM concert
WITH (NOLOCK)
INNER JOIN musician ON concert.concert_orgniser = musician.m_no
WHERE concert.concert_venue = 'Assembly Rooms' and

concert.con_date >= '1997-02-01'
```

2.

Find all the performers who played guitar or violin and were born in England.

(Gitar veya keman çalan ve İngiltere'de doğmuş tüm sanatçıları bulun.)

```
SELECT * FROM performer WITH (NOLOCK)
INNER JOIN musician ON performer.perf_is = musician.m_no
INNER JOIN place ON musician.born_in = place.place_no
WHERE (instrument =  'guitar' or instrument = 'violin') and
place_country = 'ENGLAND'
```

3.

List the names of musicians who have conducted concerts in USA together with the towns and dates of these concerts.

(ABD'de konser vermiş müzisyenlerin isimleri, bu konserlerin verildiği şehirler ve tarihler ile birlikte listeleyiniz.)

```sql
SELECT DISTINCT m_name, place_town, con_date FROM performance
INNER JOIN concert ON (performed_in =concert_no)
INNER JOIN musician ON (conducted_by = m_no)
INNER JOIN place ON (place_no=concert_in)

WHERE place_country = 'USA'
```

4.

How many concerts have featured at least one composition by Harriet Smithson? List concert date, venue and the composition's title.

(Harriet Smithson un en az bir bestesi kaç konserde yer aldı? Konser tarihini, mekanını ve bestenin başlığını listeleyin.)

```sql
SELECT musician.m_name, composition.c_title, performance.gave,
concert.con_date, concert.concert_venue FROM musician
JOIN composer ON musician.m_no = composer.comp_no
JOIN has_composed ON composer.comp_no = has_composed.cmpr_no
JOIN composition ON has_composed.cmpn_no = composition.c_no
JOIN performance ON composition.c_no = performance.performed
JOIN concert ON performed_in = concert.concert_no
WHERE musician.m_name = 'Harriet Smithson'
```

6.

List the names, dates of birth and the instrument played of living musicians who play a instrument which Theo also plays.

(Theo'nun da çaldığı bir enstrümanı çalan yaşayan müzisyenlerin isimlerini, doğum tarihlerini ve çaldıkları enstrümanı listeleyin.)

```sql
SELECT m_name, born, instrument FROM musician WITH (NOLOCK)
INNER JOIN performer ON musician.m_no = performer.perf_is
WHERE instrument IN
(SELECT instrument FROM performer INNER JOIN musician ON
musician.m_no = performer.perf_is
WHERE m_name = 'Theo Mengel') and died is null
```

7.

List the name and the number of players for the band whose number of players is greater than the average number of players in each band.

(Oyuncu sayısı her gruptaki ortalama oyuncu sayısından fazla olan grubun adını ve oyuncu sayısını listeleyin.)

```sql
SELECT band_name, COUNT(m_name) AS MUZISYENSAYISI FROM musician
INNER JOIN performer ON musician.m_no = performer.perf_is
INNER JOIN plays_in ON plays_in.player = performer. perf_no
INNER JOIN band ON band.band_no = plays_in.band_id
GROUP BY band_name HAVING COUNT(m_name) > (SELECT AVG(MUZISYENSAYISI)
FROM (SELECT band_name, COUNT(m_name) AS MUZISYENSAYISI FROM musician
INNER JOIN performer ON musician.m_no = performer.perf_is
INNER JOIN plays_in ON plays_in.player = performer. perf_no
INNER JOIN band ON band.band_no = plays_in.band_id GROUP BY band_name)
AS X)
```

8.

List the names of musicians who both conduct and compose and live in Britain.

(İngiltere'de hem şeflik hem de beste yapan ve yaşayan müzisyenlerin isimlerini listeleyin.)

```
SELECT DISTINCT musician.m_name FROM musician
JOIN composer ON (m_no = comp_is)
JOIN has_composed ON (comp_no=cmpr_no)
JOIN place ON (living_in = place_no)
JOIN performance ON (m_no=conducted_by)
WHERE place_country in ('England') and died is null
```

9.

Show the least commonly played instrument and the number of musicians who play it.

(En az çalınan enstrümanı ve onu çalan müzisyen sayısını gösterin.)

```
SELECT performer.instrument, COUNT(m_name) AS calan_sayisi
FROM musician
INNER JOIN performer ON musician.m_no = performer.perf_is
GROUP BY performer.instrument HAVING COUNT(m_name) =
(SELECT min(calan_sayisi) FROM (SELECT performer.instrument,
COUNT(m_name) AS calan_sayisi FROM musician
INNER JOIN performer ON musician.m_no = performer.perf_is
GROUP BY performer.instrument) AS X)
```

10.

List the bands that have played music composed by Sue Little; Give the titles of the composition in each case.

(Sue Little'ın bestelediği müzikleri çalan grupları listeleyin; Her durumda kompozisyonun başlıklarını verin.)

```sql
SELECT band_name, c_title FROM band
INNER JOIN performance ON (band_no = gave)
INNER JOIN composition ON (performed = c_no)
INNER JOIN has_composed ON (cmpn_no=c_no)
INNER JOIN composer ON (cmpr_no=comp_no)
INNER JOIN musician ON (m_no = comp_is)
WHERE m_name = 'Sue Little'
ORDER BY band_name
```

11.

List the name and town of birth of any performer born in the same city as James First.

(James First ile aynı şehirde doğan herhangi bir oyuncunun adını ve doğum şehrini listeleyin.)

```sql
SELECT TOP (1) m_name,place_town FROM musician
INNER JOIN place ON musician.born_in = place.place_no
WHERE place_town IN (SELECT place_town FROM musician
INNER JOIN place ON musician.born_in = place.place_no
WHERE m_name = 'James First')
ORDER BY NEWID()
```

12.

Create a list showing for EVERY musician born in Britain the number of compositions and the number of instruments played.

Britanya'da doğan HER müzisyen için beste sayısını ve çalınan enstrüman sayısını gösteren bir liste oluşturun.

```sql
SELECT musician.m_name, COUNT(has_composed.cmpn_no) AS BESTESAYISI,
COUNT(performer.instrument) AS instrumentSAYISI FROM musician
INNER JOIN place ON musician.born_in = place.place_no
INNER JOIN performer ON musician.m_no = performer.perf_is
INNER JOIN composer ON musician.m_no = composer.comp_is
INNER JOIN has_composed ON has_composed.cmpr_no = composer.comp_no
INNER JOIN composition ON composition.c_no = has_composed.cmpn_no
WHERE place.place_country = 'England'
GROUP BY musician.m_name
```

13.

Give the band name, conductor and contact of the bands performing at the most recent concert in the Royal Albert Hall.

Grubun adını, şefini ve Royal Albert Hall'daki en son konserde sahne alan grupların iletişim bilgilerini verin.

```sql
SELECT band.band_name , musician.m_name AS ŞEF , band.band_contact AS
CONTACT FROM musician
INNER JOIN band ON musician.m_no = band.band_contact
INNER JOIN performance ON performance.gave = band.band_no
INNER JOIN concert ON concert.concert_no = performance.performed_in

WHERE concert_venue IN (SELECT TOP(3) concert_venue FROM concert
WHERE concert_venue IN ('Royal Albert Hall')
ORDER BY con_date DESC)
```

15.

Jeff Dawn plays in a band with someone who plays in a band with Sue Little. Who is it and what are the bands?

(Jeff Dawn, Sue Little ile bir grupta çalan biriyle bir grupta çalıyor. Kim o ve gruplar ne)

```sql
SELECT * FROM ((SELECT musician.m_name, band.band_name FROM band
INNER JOIN plays_in ON band.band_no = plays_in.band_id
INNER JOIN performer ON performer.perf_no = plays_in.player
INNER JOIN musician ON musician.m_no = performer.perf_is

WHERE band_name IN (SELECT band.band_name FROM band
INNER JOIN plays_in ON band.band_no = plays_in.band_id
INNER JOIN performer ON performer.perf_no = plays_in.player
INNER JOIN musician ON musician.m_no = performer.perf_is
WHERE musician.m_name = ('James First'))) AS X

JOIN (SELECT musician.m_name, band.band_name FROM band
INNER JOIN plays_in ON band.band_no = plays_in.band_id
INNER JOIN performer ON performer.perf_no = plays_in.player
INNER JOIN musician ON musician.m_no = performer.perf_is

WHERE band_name IN (SELECT band.band_name FROM band
INNER JOIN plays_in ON band.band_no = plays_in.band_id
INNER JOIN performer ON performer.perf_no = plays_in.player
INNER JOIN musician ON musician.m_no = performer.perf_is

WHERE musician.m_name = ('Jeff Dawn'))) AS Y ON X.m_name = Y.m_name)
```