create table Musician(

fname varchar(20),

lname varchar(20),

genereID number

);

create table MusicGeneres(

genereID number,

GenreName varchar(20)

);

INsert into Musician values('ruben','ortega',209);

INsert into Musician values('Lebron','JAmes',916);

INsert into Musician values('Kobe','Bryant',916);

INsert into Musician values('Nippsey','Hustle',213);

select \* from Musician;

select \* from MusicGeneres;

INsert into MusicGeneres values(209,'rap');

INsert into MusicGeneres values(916,'trap');

--1

SELECT fname,lname, GenreName FROM Musician Natural JOin MusicGeneres ;

--2

SELECT n.GenreName, COUNT(\*) AS NumberOfMusicians FROM Musician m JOIN MusicGeneres n ON m.genereID = n.genereID

GROUP BY n.GenreName;

--3

SELECT fname, lname

FROM Musician

MINUS

SELECT m.fname, m.lname

FROM Musician m

JOIN MusicGeneres g ON m.genereID = g.genereID;

--4

select fname, lname from Musician where genereID not in (select genereID from MusicGeneres);

--5

SELECT fname, lname

FROM Musician m

WHERE NOT EXISTS (

SELECT \*

FROM MusicGeneres g

WHERE m.genereID = g.genereID

);

--6

SELECT

(m.fname || ' ' || m.lname) AS musicianName,

NVL(n.GenreName, 'No Genre') AS GenreName

FROM Musician m

LEFT JOIN MusicGeneres n ON n.genereID = m.genereID;