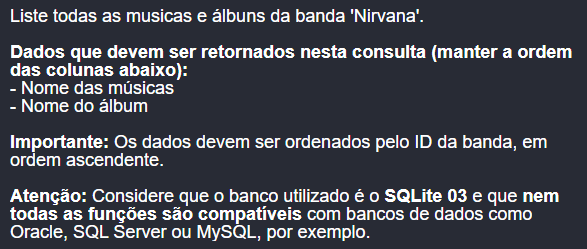


Select a.id\_banda, a.nm\_banda

From t\_banda a

Where a.nm\_origem = 'Estados Unidos'

Order By a.id\_banda Asc;



Select c.nm\_musica,

b.nm\_album

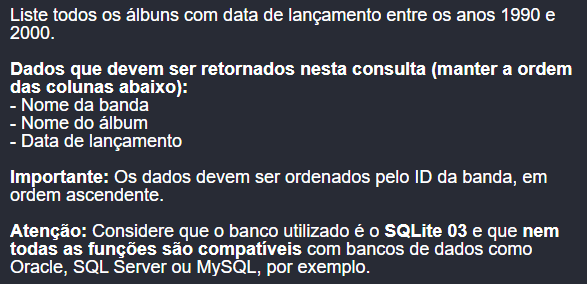
From t\_banda a

Join t\_album b On a.id\_banda = b.id\_banda

Join t\_musica c On b.id\_album = c.id\_album

Where nm\_banda = 'Nirvana'

Order By a.id\_banda Asc;



Select a.nm\_banda,

b.nm\_album, b.dt\_lancamento

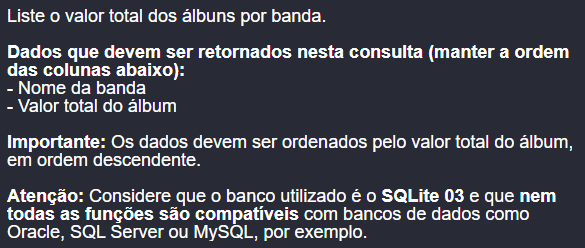
From t\_banda a

Join t\_album b On a.id\_banda = b.id\_banda

Where Year(b.dt\_lancamento) >= 1990

And Year(b.dt\_lancamento) <= 2000

Order By a.id\_banda Asc;



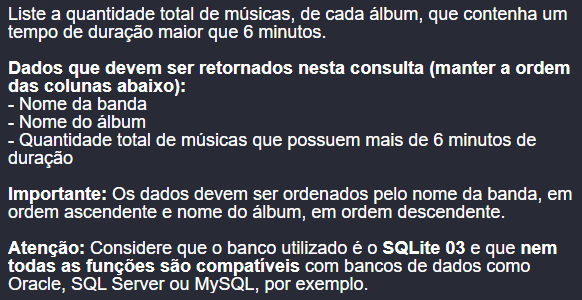
Select a.nm\_banda,

b.vl\_album

From t\_banda a

Join t\_album b On a.id\_banda = b.id\_banda

Order By b.vl\_album Desc;



Select a.nm\_banda,

b.nm\_album,

Count(1) qtde\_musicas

From t\_banda a

Join t\_album b On a.id\_banda = b.id\_banda

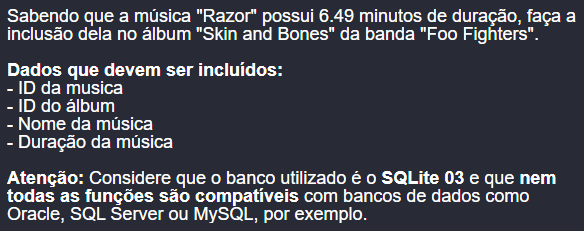
Join t\_musica c On b.id\_album = c.id\_album

Where c.nr\_duracao > 6

Group By a.nm\_banda,

b.nm\_album

Order By a.nm\_banda Asc, b.nm\_album Desc;



Insert Into t\_musica

(id\_musica, id\_album, nm\_musica, nr\_duracao)

Select iif((Select Top 1 1

From t\_musica) Is Null,

1,

(Select Max(id\_musica) + 1

From t\_musica)) id\_musica,

b.id\_album,

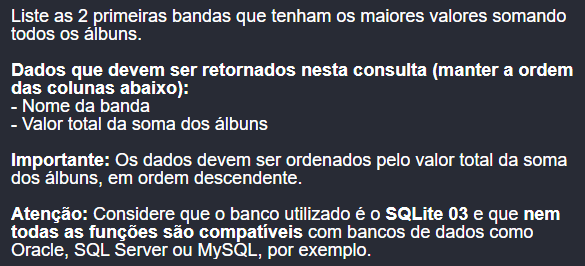
'Razor' nm\_musica, 6.49 nr\_duracao

From t\_banda a

Join t\_album b On a.id\_banda = b.id\_banda

Where a.nm\_banda = 'Foo Fighters'

And b.nm\_album = 'Skin and Bones';



Select Top 2 a.nm\_banda,

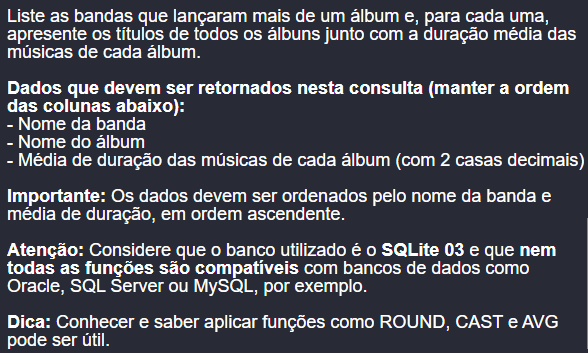
Sum(b.vl\_album) vl\_album\_sum

From t\_banda a

Join t\_album b On a.id\_banda = b.id\_banda

Group By a.nm\_banda

Order By vl\_album\_sum Desc;



Select a.nm\_banda,

a.nm\_album,

a.nr\_duracao\_avg

From (Select a.nm\_banda,

b.nm\_album,

Cast(Round(Avg(c.nr\_duracao), 2) As Decimal(3, 2)) nr\_duracao\_avg,

Count(1) qtde\_album

From t\_banda a

Join t\_album b On a.id\_banda = b.id\_banda

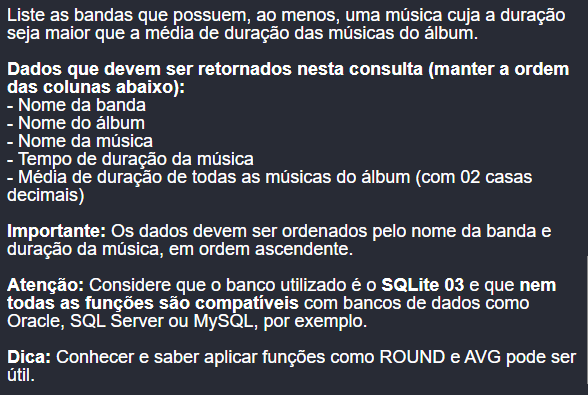
Join t\_musica c On b.id\_album = c.id\_album

Group By a.nm\_banda,

b.nm\_album) a

Where qtde\_album > 1

Order By a.nm\_banda Asc, a.nr\_duracao\_avg Asc;



Select b.nm\_banda,

c.nm\_album,

d.nm\_musica, d.nr\_duracao,

a.nr\_duracao\_avg

From (Select a.id\_banda,

a.id\_album,

Cast(Round(Avg(b.nr\_duracao), 2) As Decimal(3, 2)) nr\_duracao\_avg

From t\_album a

Join t\_musica b On a.id\_album = b.id\_album

Group By a.id\_banda,

a.id\_album) a

Join t\_banda b On a.id\_banda = b.id\_banda

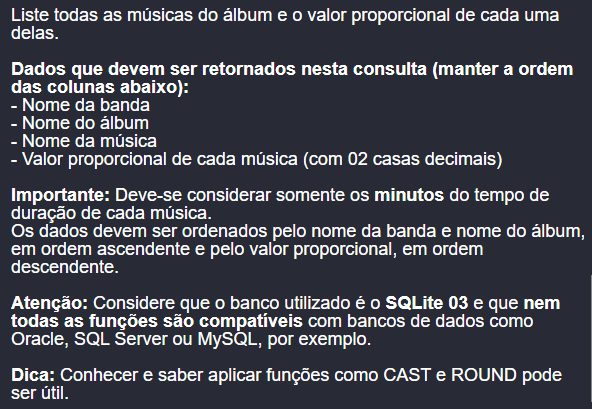
Join t\_album c On a.id\_banda = c.id\_banda

And a.id\_album = c.id\_album

Join t\_musica d On c.id\_album = d.id\_album

Where d.nr\_duracao > a.nr\_duracao\_avg

Order By b.nm\_banda Asc, d.nr\_duracao Asc;



Select a.nm\_banda,

a.nm\_album,

a.nm\_musica,

(a.nr\_duracao\_segundos \* a.vl\_album\_nr\_duracao\_divisao) valor\_proporcional

From (Select b.nm\_banda,

c.nm\_album,

d.nm\_musica,

(Cast(d.nr\_duracao As Integer) \* 60) + (Cast(((d.nr\_duracao - Cast(d.nr\_duracao As Integer)) \* 100) As Integer)) nr\_duracao\_segundos,

Cast((c.vl\_album / a.nr\_duracao\_segundos\_soma) As Decimal(12, 2)) vl\_album\_nr\_duracao\_divisao

From (Select a.id\_album, a.id\_banda,

Sum((Cast(b.nr\_duracao As Integer) \* 60) + (Cast(((b.nr\_duracao - Cast(b.nr\_duracao As Integer)) \* 100) As Integer))) nr\_duracao\_segundos\_soma

From t\_album a

Join t\_musica b On a.id\_album = b.id\_album

Group By a.id\_album, a.id\_banda) a

Join t\_banda b On a.id\_banda = b.id\_banda

Join t\_album c On a.id\_album = c.id\_album

And a.id\_banda = c.id\_banda

Join t\_musica d On c.id\_album = d.id\_album) a

Order By a.nm\_banda Asc, a.nm\_album Asc, valor\_proporcional Desc;