SET 2

Q1

SELECT Customer.FirstName , Customer.LastName , Customer.Email , Genre.Name

from Customer

join Invoice

on Customer.CustomerId = Invoice.CustomerId

join InvoiceLine

on Invoice.InvoiceId = InvoiceLine.InvoiceLineId

join Track

on InvoiceLine.TrackId = Track.TrackId

join Genre

on Track.GenreId = Genre.GenreId

WHERE Genre.Name = 'Rock'

group by Customer.FirstName , Customer.LastName , Customer.Email , Genre.Name

order by Customer.FirstName , Customer.LastName , Customer.Email

SELECT Artist.ArtistId , Artist.Name ,count (Track.TrackId) songs

FROM Genre

join Track

on track.GenreId = Genre.GenreId

JOIN Album

on Album.AlbumId = Track.AlbumId

join Artist

on Artist.ArtistId = Album.ArtistId

WHERE Genre.Name = 'Rock'

GROUP by Artist.ArtistId

ORDER by songs DESC

LIMIT 10

SELECT Invoice.BillingCity ,Customer.Country , sum (Invoice.Total) totals

from Invoice

JOIN Customer

on Invoice.CustomerId = Customer.CustomerId

GROUP by Invoice.BillingCity

order by totals DESC

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Q4

SELECT Album.Title , Artist.Name , Track.Name , max (Track.Bytes) MAXX

FROM Track

JOIN Album

on Track.AlbumId = Album.AlbumId

join Artist

on Album.ArtistId = Artist.ArtistId

GROUP by Album.Title

limit 2

Q4

SELECT track.Name AS track , Artist.Name AS Artist , Genre.Name AS Genre

, max (Track.Milliseconds)

from Track

join Genre

on Track.GenreId = Genre.GenreId

join Album

on Track.AlbumId = Album.AlbumId

JOIN Artist

on Album.ArtistId = Artist.ArtistId

WHere Genre.Name = 'Latin' AND Artist.Name = 'Djavan'

ORDER by track.Name

Q3

SELECT Album.Title , Track.Name AS track\_Name , sum (Track.UnitPrice) Track\_Price

FROM Track

JOIN Album

on Track.AlbumId = Album.AlbumId

GROUP by Album.Title

order BY Track\_Price DESC

limit 10

Q3+

SELECT Album.Title , sum (Track.UnitPrice) Total\_Album\_Price

FROM Track

JOIN Album

on Track.AlbumId = Album.AlbumId

GROUP by Album.Title

order BY Total\_Album\_Price DESC

limit 10

Q2 ++

SELECT Invoice.BillingCity ,Customer.Country , sum (Invoice.Total) totals

from Invoice

JOIN Customer

on Invoice.CustomerId = Customer.CustomerId

GROUP by Invoice.BillingCity

order by totals DESC

limit 10

Q1 ++

SELECT Artist.ArtistId , Artist.Name ,count (Track.TrackId) songs

FROM Genre

join Track

on track.GenreId = Genre.GenreId

JOIN Album

on Album.AlbumId = Track.AlbumId

join Artist

on Artist.ArtistId = Album.ArtistId

WHERE Genre.Name = 'Rock'

GROUP by Artist.ArtistId

ORDER by songs DESC

LIMIT 10

Q4 ++

SELECT Track.Name, Genre.Name, SUM(Invoice.Total) AS Result

from Customer

join Invoice

on Customer.CustomerId = Invoice.CustomerId

join InvoiceLine

on Invoice.InvoiceId = InvoiceLine.InvoiceLineId

join Track

on InvoiceLine.TrackId = Track.TrackId

join Genre

on Track.GenreId = Genre.GenreId

group by Customer.FirstName , Customer.LastName , Customer.Email , Genre.Name

order by Result DEsc

limit 10

select Genre.Name , track.Name , Artist.Name , Track.UnitPrice

FROM Track

JOIN Genre

on Track.GenreId = Genre.GenreId

join Album

on Track.AlbumId = Album.AlbumId

join Artist

on Album.ArtistId = Artist.ArtistId

GROUP by Artist.Name

order by Track.UnitPrice DESC

select Genre.Name AS GenreName , Sum (Track.Milliseconds) AS Track\_Milliseconds , sum (Track.UnitPrice) AS Price

From Track

join Genre

on track.GenreId = Genre.GenreId

GROUP by Genre.Name