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|  | 1. How many albums does the artist Led Zeppelin have? |
|  | select count(\*) from (select \* |
|  | from artists |
|  | left join albums |
|  | on artists.ArtistId=albums.ArtistId) |
|  | where Name="Led Zeppelin"; |
|  |  |
|  | 2. Create a list of album titles and the unit prices for the artist "Audioslave". How many records are returned? |
|  |  |
|  | select a.UnitPrice,b.Title,b.Name |
|  | from (select tracks.AlbumId,invoice\_items.UnitPrice |
|  | from tracks |
|  | left join invoice\_items |
|  | on tracks.TrackId=invoice\_items.TrackId) as a |
|  | left join (select artists.Name,albums.Title,albums.AlbumId |
|  | from artists |
|  | left join albums |
|  | on artists.ArtistId=albums.ArtistId) as b |
|  | on a.AlbumId=b.AlbumId |
|  | where b.Name="Audioslave"; |
|  |  |
|  | 3. Find the first and last name of any customer who does not have an invoice. Are there any customers returned from the query? |
|  |  |
|  | select customers.FirstName,customers.LastName, |
|  | invoices.InvoiceId |
|  | from customers |
|  | left join invoices |
|  | on customers.CustomerId=invoices.CustomerId |
|  | where invoices.InvoiceId is null; |
|  |  |
|  | 4. Find the total price for each album. What is the total price for the album “Big Ones”? |
|  |  |
|  | select sum(b.UnitPrice) as TotalPrice,b.Title as Title |
|  | from (select a.UnitPrice as UnitPrice,albums.Title as Title |
|  | from (select tracks.AlbumId,invoice\_items.UnitPrice |
|  | from tracks |
|  | left join invoice\_items |
|  | on tracks.TrackId=invoice\_items.TrackId) as a |
|  | left join albums |
|  | on a.AlbumId=albums.AlbumId |
|  | where albums.Title="Big Ones") as b |
|  |  |
|  | 5. How many records are created when you apply a Cartesian join to the invoice and invoice items table? |
|  |  |
|  | select invoices.InvoiceId |
|  | from invoices |
|  | cross join invoice\_items |