TSCO SQL BOOTCAMP SECOND WEEK

HOMEWORK

I don't have a computer. That's why I tried to explain it with the available data in the homework instructions.

1. WRITING A QUERY THAT LISTS THE TOTAL OF ALL INVOICES CREATED IN 2009 FOR THE COUNTRY "USA":

SELECT SUM(total) AS total_revenue
FROM invoice
WHERE billing_country = "USA"
AND invoice_date BETWEEN '2009-01-01' AND '2009-12-31';

- ■ I used the SUM operator to total. Since 2009 invoices were requested, I specified a range with the BETWEEN operator.

2. WRITING WITH "JOIN" IN TRACK, PLAYLISTTRACK AND PLAYLIST TABLES:

SELECT t.track_id, t.name AS track_name, t.album_id, t.media_type_id, t.genre_id,

  t.composer, t.milliseconds, t.bytes, t.unit_price,

  pt.playlist_id, p.name AS playlist_name

FROM track t

JOIN playlisttrack pt ON t.track_id = pt.track_id

JOIN playlist p ON pt.playlist_id = p.playlist_id;

- ■ I combined all the tracks into a query to show which playlist they belong to

3. WRITING WITH "JOIN" IN TRACK, ALBUM AND ARTIST TABLES:

SELECT t.track_id, t.name AS track_name, t.milliseconds, a.title AS album_name, ar.name AS artist_name

FROM track t

JOIN album a ON t.album_id = a.album_id

JOIN artist ar ON a.artist_id = ar.artist_id

WHERE a.title = 'Let There Be Rock'

ORDER BY t.milliseconds DESC;

- I extracted the tracks belonging to an album with the artist information and sorted them by duration.(with DESC. ASC can also be used maybe.)

HATİCE ELGÖRMÜŞ