Topic - Condition + String matching + logical operator)

1.

SELECT CustomerId,

FirstName,

LastName,

city

FROM customers

WHERE FirstName LIKE 'N%' OR

city == 'Berlin';

2.

SELECT TrackId,

Name,

Composer,

UnitPrice

FROM tracks

WHERE UnitPrice BETWEEN 0 AND 1 AND

Composer NOT LIKE '%T%';

Topic - Group By, Order By

1.

SELECT InvoiceDate,

Total,

avg(Total)

FROM invoices

WHERE InvoiceDate > '2012-06-01' AND

InvoiceDate < '2012-07-01'

GROUP BY InvoiceDate;

2.

SELECT TrackID,

count(Quantity)

FROM invoice\_items

GROUP BY TrackID

ORDER BY count(Quantity) DESC;

 Topic - Join/Subqueries

1.

SELECT ArtistId,

Name

FROM artists

WHERE ArtistId = (

SELECT ArtistId

FROM Album

WHERE AlbumId = (

SELECT AlbumId

FROM Track

WHERE TrackId = (

SELECT TrackId

FROM playlist\_track

WHERE playlistId NOT IN (

SELECT playlistID

FROM playlist

)

)

)

);

2.

SELECT AlbumID, title, count(PlaylistId) FROM albums a

INNER JOIN

tracks AS t

ON a.AlbumId = t.AlbumId

INNER JOIN

playlist\_track p

ON t.TrackId = p.TrackId group by a.AlbumID having count(p.PlaylistId)>5