/\*

Join Queries

REQUIREMENT - Use a multi-line comment to paste the first 5 or fewer results under your query

Also include the total records returned.

\*/

USE orderbook\_activity\_db;

-- #1: Display the dateJoined and username for admin users.

select u.dateJoined, u.uname from User u

join userroles ur on u.userid=ur.userid

join role r on ur.roleid=r.roleid

where r.name = 'admin';

Obraz zawierający tekst, Czcionka, linia, numer

Opis wygenerowany automatycznie

-- #2: Display each absolute order net (share\*price), status, symbol, trade date, and username.

-- Sort the results with largest the absolute order net (share\*price) at the top.

-- Include only orders that were not canceled or partially canceled.

Obraz zawierający tekst, zrzut ekranu, numer, Czcionka

Opis wygenerowany automatycznie

select abs(o.shares \* o.price) as ordernet, o.status, o.symbol, o.orderTime, u.uname

from `order` o

join user u on o.userid = u.userid

where o.status not in ('canceled','canceled\_partial\_fill')

order by ordernet desc;

-- #3: Display the orderid, symbol, status, order shares, filled shares, and price for orders with fills.

-- Note that filledShares are the opposite sign (+-) because they subtract from ordershares!

SELECT o.orderid, o.symbol, o.status, o.shares, sum(f.share), o.price

from `order` o

join fill f on o.orderid = f.orderid

group by o.orderid,o.symbol,o.status,o.shares,o.price;

Obraz zawierający tekst, zrzut ekranu, numer, Czcionka

Opis wygenerowany automatycznie

-- #4: Display all partial\_fill orders and how many outstanding shares are left.

-- Also include the username, symbol, and orderid.

select o.shares - COALESCE(SUM(f.share)) AS outstandingshares , u.uname, o.symbol, o.orderid

from `order` o

join `user` u on o.userid = u.userid

left join fill f on o.orderid = f.orderid

where o.status = 'partial\_fill'

group by u.uname, o.symbol, o.orderid;

Obraz zawierający tekst, zrzut ekranu, Czcionka, linia

Opis wygenerowany automatycznie

-- #5: Display the orderid, symbol, status, order shares, filled shares, and price for orders with fills.

-- Also include the username, role, absolute net amount of shares filled, and absolute net order.

-- Sort by the absolute net order with the largest value at the top.

select o.orderid, o.symbol, o.status, o.shares, sum(f.share), o.price, u.uname, r.name, ABS(SUM(f.share)) as absnetamoofsharfil, ABS(o.shares \* o.price) as absnetorder

from `order` o

join fill f on o.orderid = f.orderid

join user u on o.userid = o.userid

join userroles ur on u.userid = ur.userid

join role r on ur.roleid = r.roleid

group by o.orderid, o.symbol, o.status, o.shares, o.price, u.uname, r.name

order by absnetorder desc;

Obraz zawierający tekst, zrzut ekranu, numer, Równolegle

Opis wygenerowany automatycznie

-- #6: Display the username and user role for users who have not placed an order.

select u.uname, r.name

from user u

join userroles ur on u.userid = ur.userid

join role r on ur.roleid = r.roleid

left join `order` o on u.userid = o.userid

where o.userid is null;

Obraz zawierający tekst, Czcionka, linia, zrzut ekranu

Opis wygenerowany automatycznie

-- #7: Display orderid, username, role, symbol, price, and number of shares for orders with no fills.

select o.orderid, u.uname, r.name, o.symbol, o.price, o.shares

from `order` o

join user u on o.userid = u.userid

join userroles ur on u.userid = ur.userid

join role r on ur.roleid = r.roleid

left join fill f on o.orderid = f.orderid

where f.fillid is null;

Obraz zawierający tekst, zrzut ekranu, numer, Czcionka

Opis wygenerowany automatycznie

-- #8: Display the symbol, username, role, and number of filled shares where the order symbol is WLY.

-- Include all orders, even if the order has no fills.

select o.symbol, u.uname, r.name, coalesce(sum(f.share),0)

from `order` o

join user u on o.userid = u.userid

join userroles ur on u.userid = ur.userid

join role r on ur.roleid = r.roleid

left join fill f on o.orderid = f.orderid

where o.symbol = 'WLY'

group by o.symbol, u.uname, r.name;

Obraz zawierający tekst, zrzut ekranu, Czcionka, linia

Opis wygenerowany automatycznie