1. Using the table structure you defined, write a SQL query that returns the top 3 users that rented that most movies.  Provide the complete user record for each username.

|  |  |
| --- | --- |
| **User** | **Rental** |
| UserID            PK | RentalID       PK |
| Username | UserID           FK |
| Password | MovieID |
| Email | Quantity |
| Address | Approval |
| City |  |
| Phone |  |

SQL Query:

SELECT

u.userID,

u.username,

u.password,

u.email,

u.address,

u.city,

u.phone,

sum(r.quantity) movieCnt

FROM

user u,

rental r

WHERE

u.userID = r.userid

group by u.userID,

u.username,

u.password,

u.email,

u.address,

u.city,

u.phone

order by movieCnt desc

limit 3;

Resulting Output:

# userID, username, password, email, address, city, phone, movieCnt

1, user1, pw01, email01@junk.com, Street 1, City1, 5550001, 10

8, user8, pw08, email08@junk.com, Street 8, City8, 5550008, 8

6, user6, pw06, email06@junk.com, Street 6, City6, 5550006, 3