V516 Homework_4

Sai Su

For each of the following queries, use the Windows Snipping_Tool (or equivalent) to capture a snapshot of the SQL code as well as the results returned by the query.

Login info:

Server_name: mysql.iu.edu  (use this in PUTTY)

Account_Name: speav519

Password: linux apache mysql php  (include the spaces)

At the system prompt (janus:speav519> ) type the command to start the mysql program, with the password buh87rx  (janus:speav519> mysql -pbuh87rx)

Once mysql is running, type ....

use jesswest;

Tables to use= people, events, participation, donations, volunteeershift
1. Who (First and Lastname) attended the Annual Appeal??

SELECT people.PersonID, people.LastName, people.FirstName, events.EventID, events.Name
FROM people INNER JOIN (events INNER JOIN participation ON events.EventID=participation.EventID)
ON people.PersonID = participation.PersonID
WHERE events.Name='Annual Appeal';
2. Show how many attended each event (use COUNT function, Group By Event)

SELECT Count(participation.PersonID) AS Count_of_Person, participation.EventID, events.Name
FROM events INNER JOIN (participation INNER JOIN people ON participation.PersonID=people.PersonID)
ON events.EventID = participation.EventID
GROUP BY participation.EventID, events.Name;

3. Display the city, state, zipcode associated with Donations > 500

FROM donations INNER JOIN people ON people.PersonID = donations.PersonID
WHERE donations.Amount>500;

4. Who (First and Last names) are the top 5 donors (use SUM function, Group by personid)
do not need to use having?

SELECT donations.PersonID, people.LastName, people.FirstName, SUM(donations.Amount) AS Top5_Donation
5. Who (First and Last names) attended event-4 and has volunteered a total of 10 or more hours?

```sql
SELECT people.PersonID, people.LastName, people.FirstName, participation.EventID, volunteershift.hours
FROM participation INNER JOIN (people INNER JOIN volunteershift ON people.PersonID=volunteershift.PersonID) ON participation.PersonID=people.PersonID
WHERE participation.EventID=4 AND volunteershift.hours>=10;
```