

CIS 251 Final Exam Part 2

Student Name Rikki Nelson

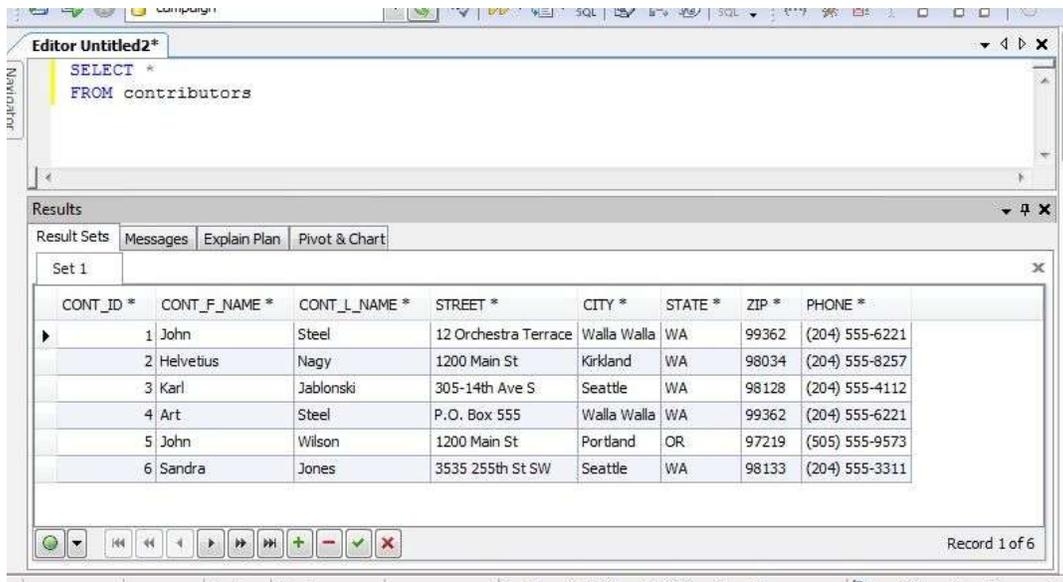
I am using MySQL SQL Server 2008

This is the second part of your final examination for CIS 251 - Introduction to SQL.

Run additional SQL Statements against your database. Create the following SQL statements; run them against your newly created tables. You will be copying both your SQL statements and your results into **THIS** document. **Be sure you have the complete results screen showing; including the status of each SQL statement.** These screen shots should be complete, do not cut off your results.

Keep all questions in tack in this document. Do not delete the questions.

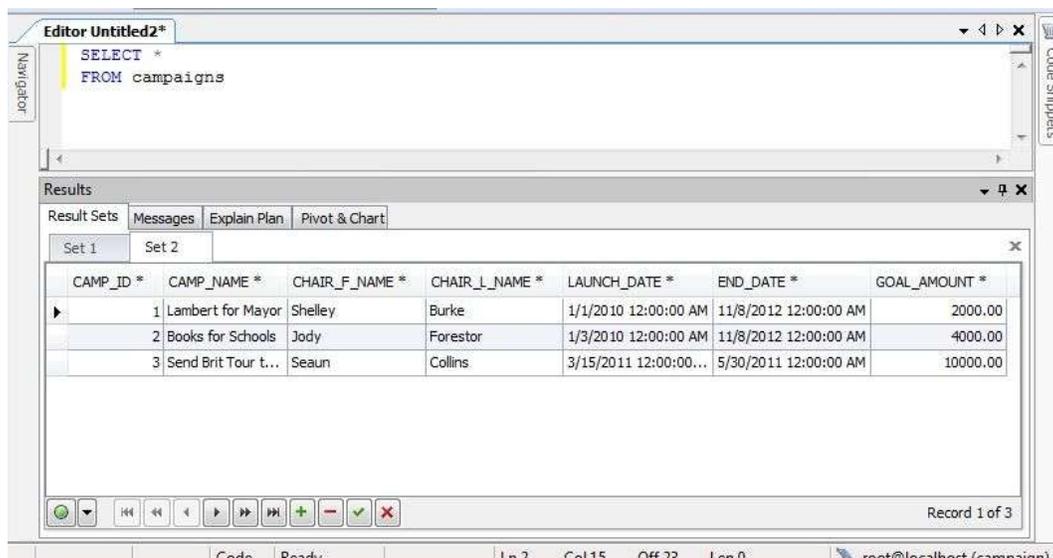
1. Show all of the information available about the contributors.



```
SELECT *
FROM contributors
```

CONT_ID *	CONT_F_NAME *	CONT_L_NAME *	STREET *	CITY *	STATE *	ZIP *	PHONE *
1	John	Steel	12 Orchestra Terrace	Walla Walla	WA	99362	(204) 555-6221
2	Helvetius	Nagy	1200 Main St	Kirkland	WA	98034	(204) 555-8257
3	Karl	Jablonski	305-14th Ave S	Seattle	WA	98128	(204) 555-4112
4	Art	Steel	P.O. Box 555	Walla Walla	WA	99362	(204) 555-6221
5	John	Wilson	1200 Main St	Portland	OR	97219	(505) 555-9573
6	Sandra	Jones	3535 255th St SW	Seattle	WA	98133	(204) 555-3311

2. Show all of the information available about the campaigns.

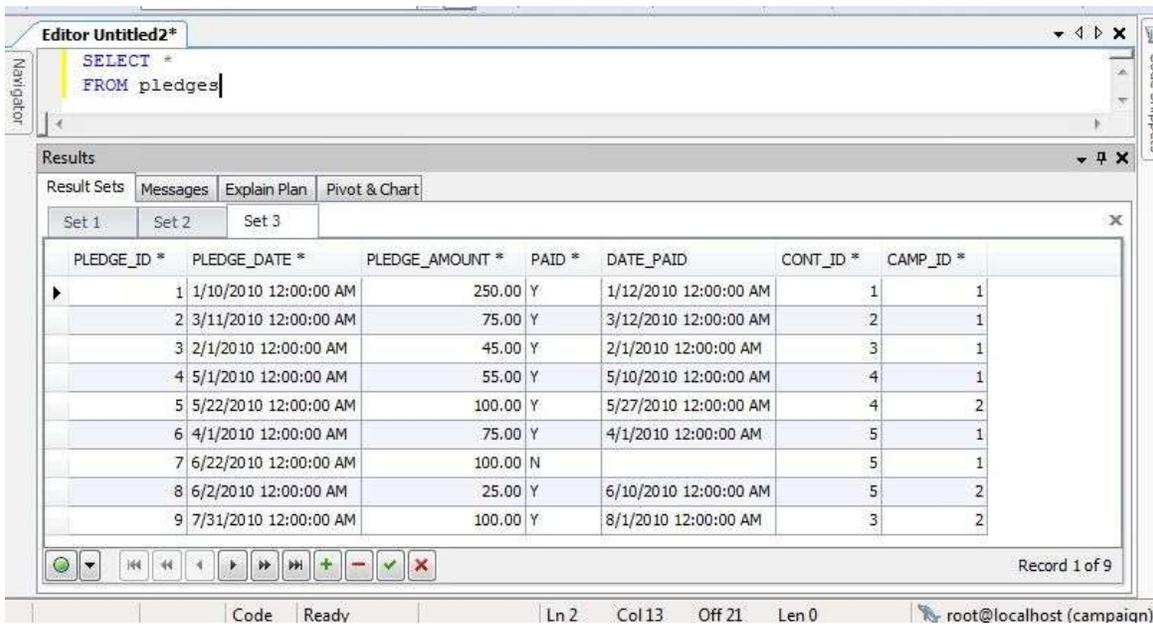


```
SELECT *
FROM campaigns
```

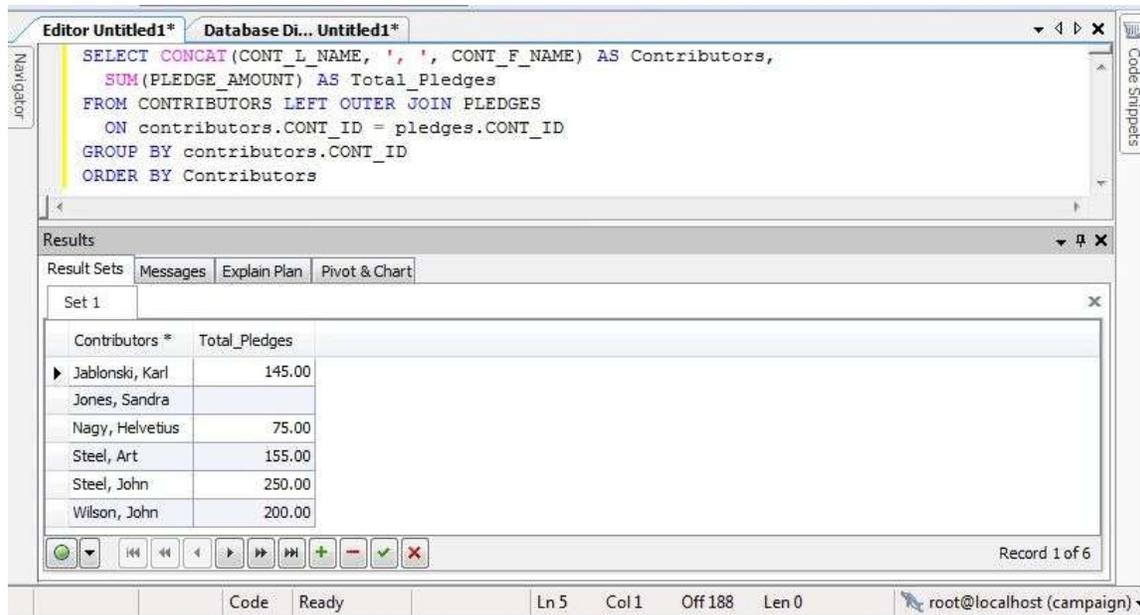
CAMP_ID *	CAMP_NAME *	CHAIR_F_NAME *	CHAIR_L_NAME *	LAUNCH_DATE *	END_DATE *	GOAL_AMOUNT *
1	Lambert for Mayor	Shelley	Burke	1/1/2010 12:00:00 AM	11/8/2012 12:00:00 AM	2000.00
2	Books for Schools	Jody	Forestor	1/3/2010 12:00:00 AM	11/8/2012 12:00:00 AM	4000.00
3	Send Brit Tour t...	Seاون	Collins	3/15/2011 12:00:00...	5/30/2011 12:00:00 AM	10000.00

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3. Show all of the information available about the pledges.

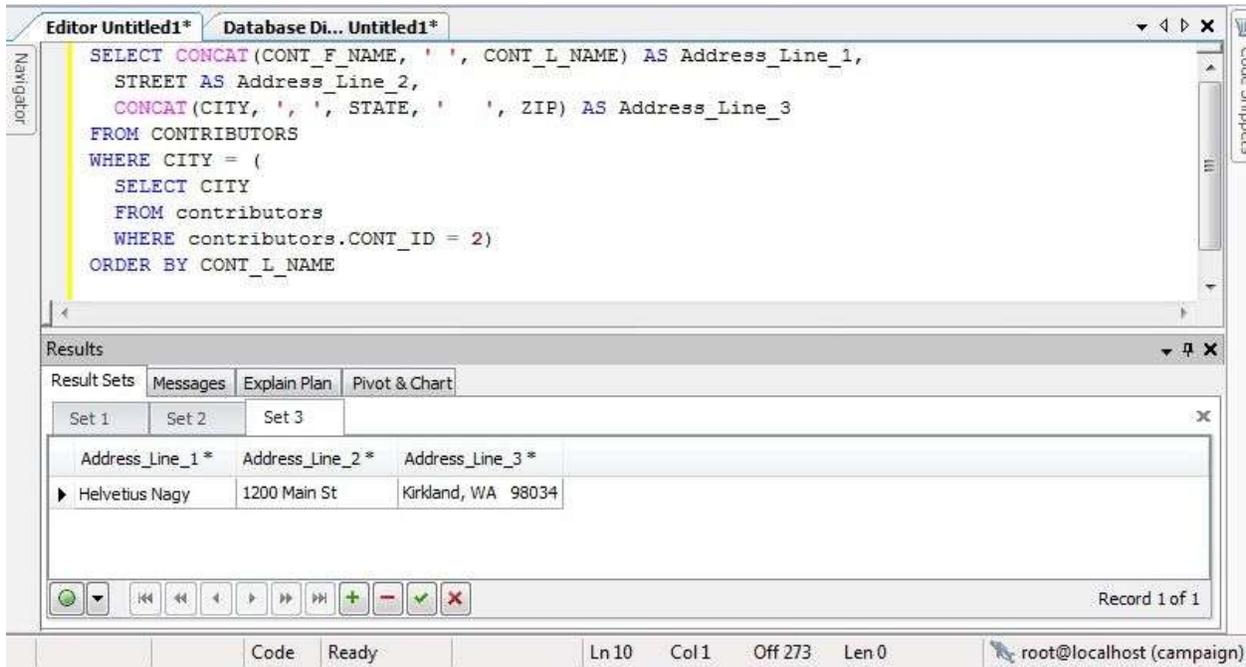


4. For all of the contributors, find their last plus their first name as Contributors (as a single field), and determine the total amount of money they have contributed to all campaigns as Total_Pledges.

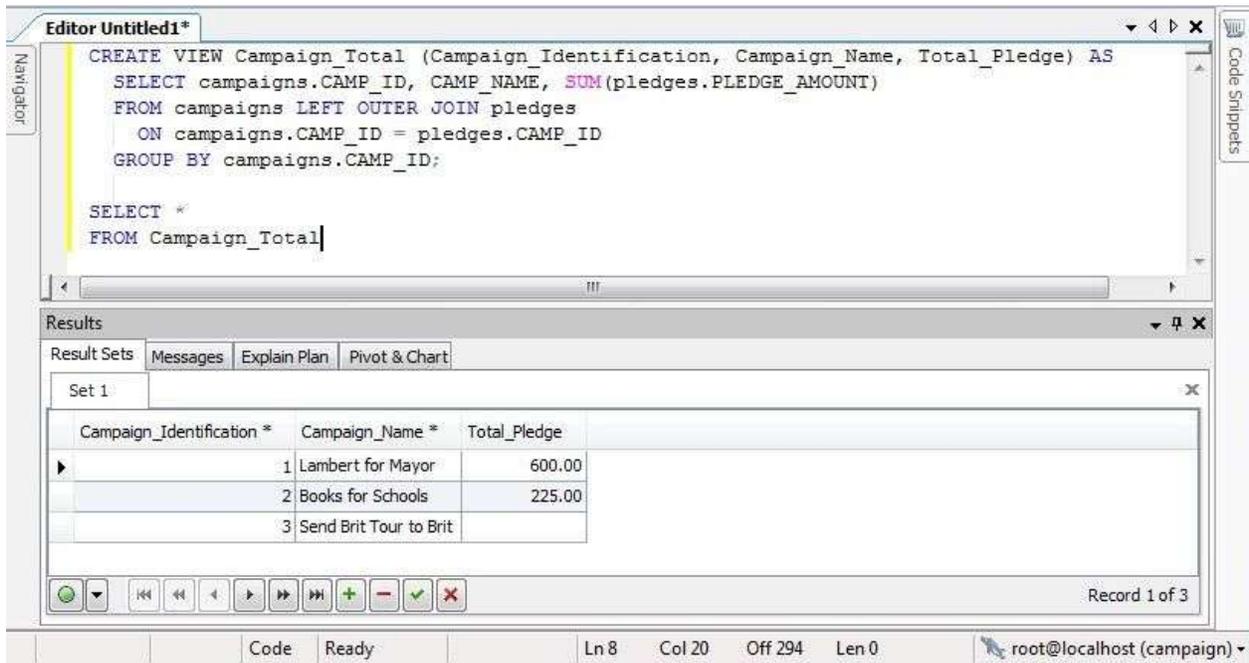


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5. We would like to create a mailing to all individuals that live in the same city as Mr. Nagy.

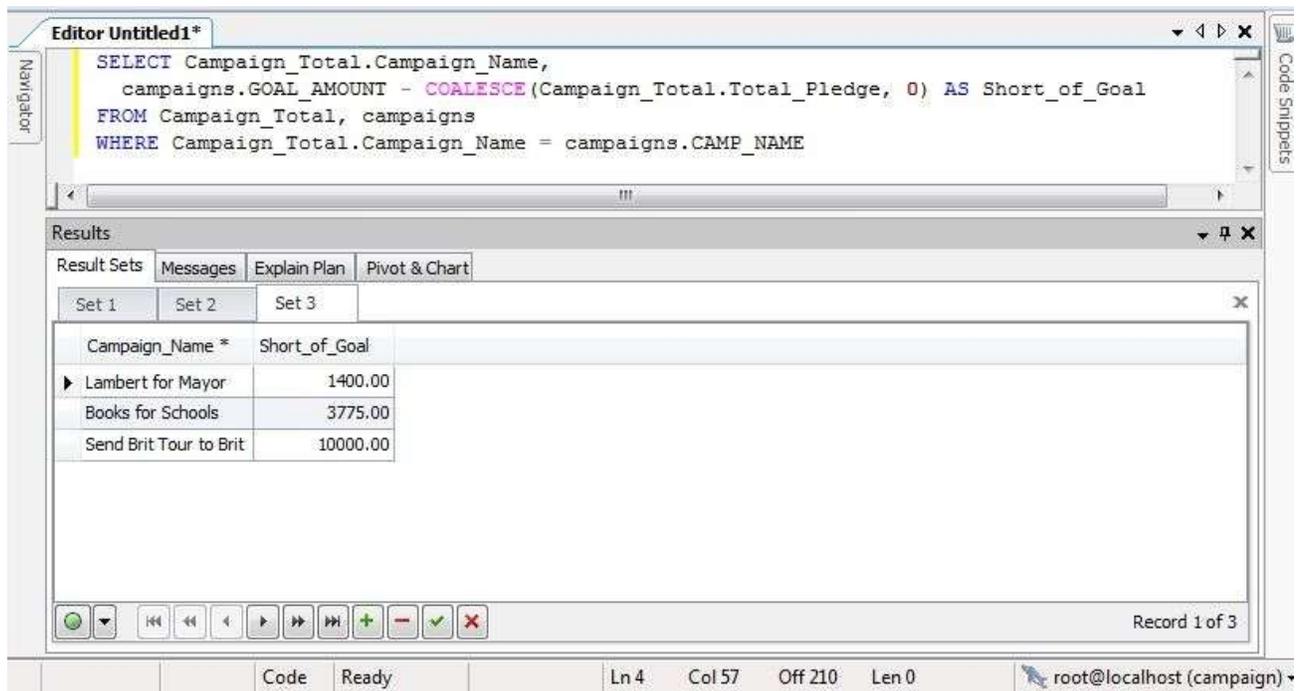


6. We **often** need to see the totals amounts that have been contributed to each campaign. Create a view and call this view Campaign_Total, which shows the campaign identification, the campaign name and the total amount of pledges received for the campaign as Total_Pledge. Select all the information available from the view. (2 SQL statements)



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- 7. Using the view you created in question #6, find the campaign name, the amount of money the campaigns are short of their goal.



```
SELECT Campaign_Total.Campaign_Name,
campaigns.GOAL_AMOUNT - COALESCE(Campaign_Total.Total_Pledge, 0) AS Short_of_Goal
FROM Campaign_Total, campaigns
WHERE Campaign_Total.Campaign_Name = campaigns.CAMP_NAME
```

Campaign_Name *	Short_of_Goal
Lambert for Mayor	1400.00
Books for Schools	3775.00
Send Brit Tour to Brit	10000.00

- 8. A new pledge has been received, insert the following information **AND** run a select statement, which shows all the information about the new record (**only**) in the PLEDGE table. (2 SQL statements)

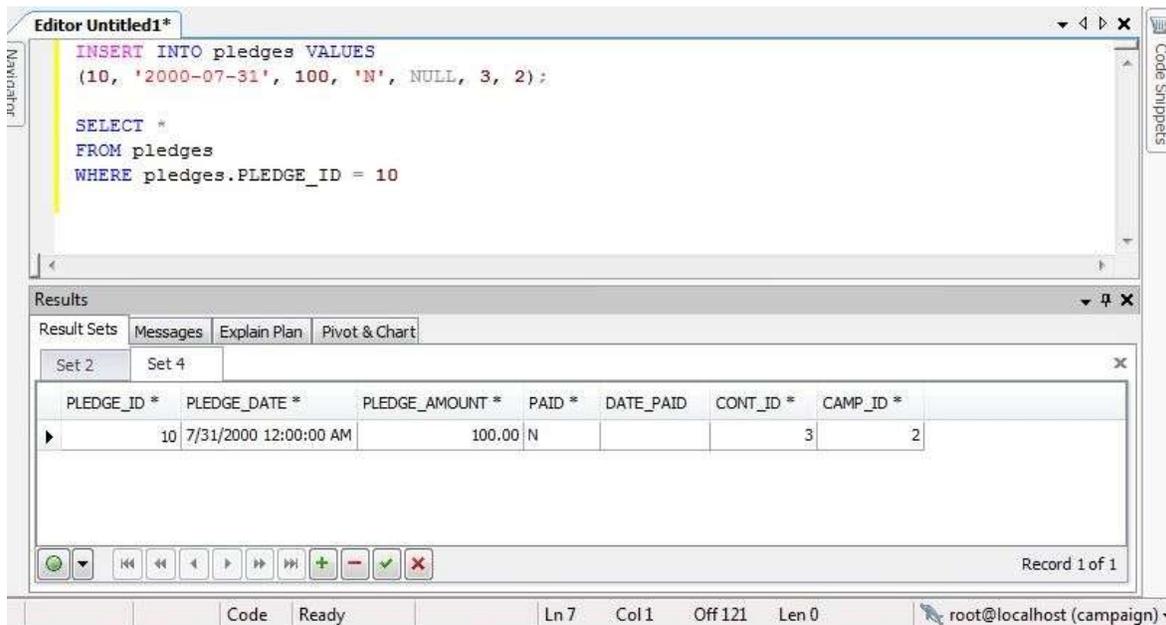
Contributor: Karl Jablonski

Amount: \$100

Pledge made on July 31, 2000 *Is this year a typo? All other pledge records are for 2010!*

For the campaign of Books for Schools

Karl states the check is in the mail.



```
INSERT INTO pledges VALUES
(10, '2000-07-31', 100, 'N', NULL, 3, 2);

SELECT *
FROM pledges
WHERE pledges.PLEDGE_ID = 10
```

PLEDGE_ID *	PLEDGE_DATE *	PLEDGE_AMOUNT *	PAID *	DATE_PAID	CONT_ID *	CAMP_ID *
10	7/31/2000 12:00:00 AM	100.00	N		3	2

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9. The pledge created in #8, was paid on 8/1/2000 (Is this year a typo? All other pledge records are for 2010!), please update the record, AND run a select statement which shows all the information about the updated record (only). (2 SQL statements)

The screenshot shows a SQL editor window titled "Editor Untitled1*" with the following SQL code:

```
UPDATE pledges
SET PAID = 'Y', DATE_PAID = '2000-08-01'
WHERE PLEDGE_ID = 10;

SELECT *
FROM pledges
WHERE PLEDGE_ID = 10
```

Below the editor is a "Results" window showing the output of the SELECT statement. It contains a table with the following data:

PLEDGE_ID *	PLEDGE_DATE *	PLEDGE_AMOUNT *	PAID *	DATE_PAID	CONT_ID *	CAMP_ID *
10	7/31/2000 12:00:00 AM	100.00	Y	8/1/2000 12:00:00 AM	3	2

The status bar at the bottom indicates "Record 1 of 1".

10. Create a list of contributors' last name, campaign names, and amounts contributed to each campaign; sort the list by campaign name.

The screenshot shows a SQL editor window titled "Editor Untitled1*" with the following SQL code:

```
SELECT CONT_L_NAME, CAMP_NAME, SUM(PLEDGE_AMOUNT)
FROM contributors, campaigns, pledges
WHERE contributors.CONT_ID = pledges.CONT_ID
AND campaigns.CAMP_ID = pledges.CAMP_ID
GROUP BY CONT_L_NAME, CAMP_NAME
ORDER BY campaigns.CAMP_NAME, contributors.CONT L NAME
```

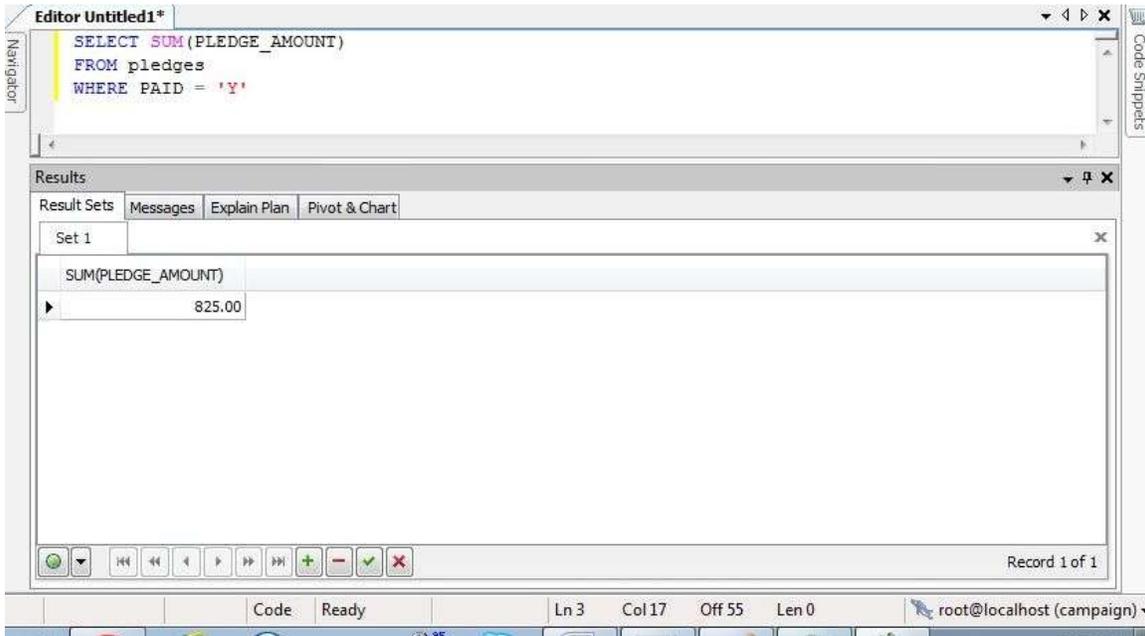
Below the editor is a "Results" window showing the output of the query. It contains a table with the following data:

CONT_L_NAME *	CAMP_NAME *	SUM(PLEDGE_AMOUNT)
Jablonski	Books for Schools	200.00
Steel	Books for Schools	100.00
Wilson	Books for Schools	25.00
Jablonski	Lambert for Mayor	45.00
Nagy	Lambert for Mayor	75.00
Steel	Lambert for Mayor	305.00
Wilson	Lambert for Mayor	175.00

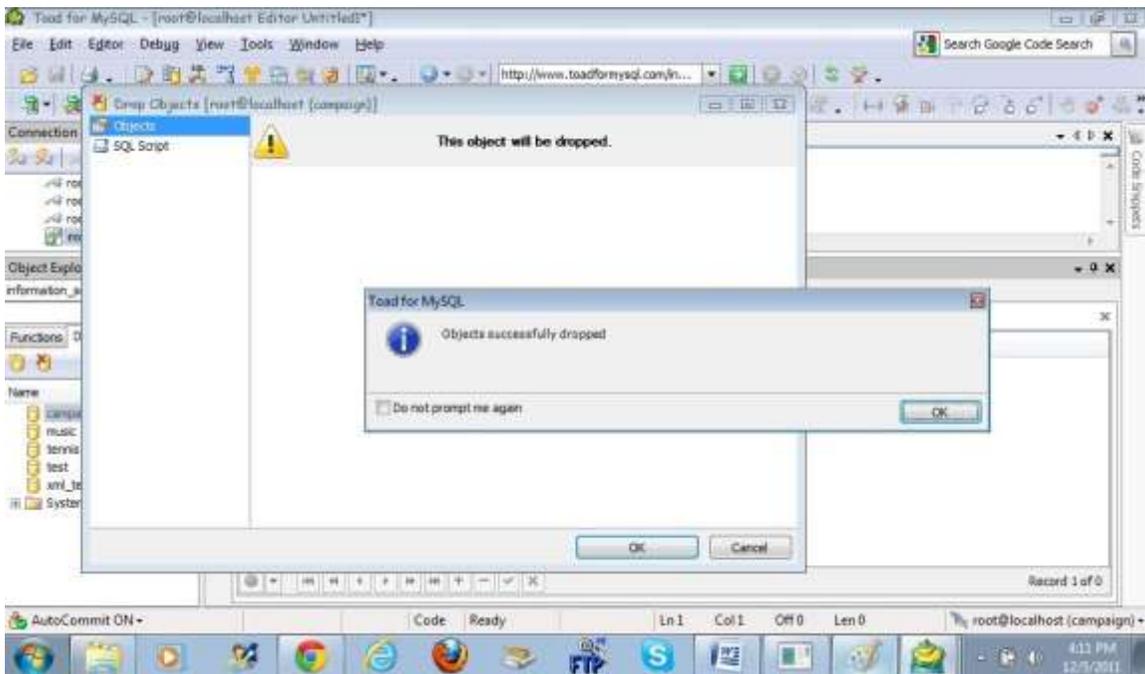
The status bar at the bottom indicates "Record 1 of 7".

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11. What is the total amount of all contributions received (paid)?



12. Delete your database. Show a confirming window that your database has been deleted.



Turn in: (in this order)

- This exam electronically to Blackboard..
- Enjoy the break! See you Spring quarter.