

Mark Coyle
CIS 251
Final Part 2

1.

The screenshot shows a SQL query execution interface. The query editor contains the following SQL statement:

```
1 • SELECT * FROM campaign.contributor;
```

The results are displayed in a table with the following columns: ContributorID, Contributor_Address, Contributor_City, Contributor_State, Contributor_Zip, and Contributor_HomePhone. The data rows are as follows:

ContributorID	Contributor_Address	Contributor_City	Contributor_State	Contributor_Zip	Contributor_HomePhone
Art Steel	P.O. Box 555	Walla Walla	WA	99362	(204) 555-6221
Helvetius Nagy	1200 Main ST	Kirkland	WA	98034	(204) 555-8257
John Steel	12 Orchestra Terrace	Walla Walla	WA	99362	(204) 555-6221
John Wilson	1200 Main St.	Portland	OR	97219	(505) 555-9573
Karl Jablonski	305 – 14th Ave.	S. Seattle	WA	98128	(204) 555-4112
Mark Coyle	1234 S.Main St	Edmonds	WA	98026	(204)555-2345
Sandra Jones	3535 255th St SW	Seattle	WA	98133	(204) 555-3311

The interface also includes a toolbar with various icons, a 'Limit to 1000 rows' dropdown, and an 'Output' section at the bottom with a dropdown menu set to 'Action Output'.

2.

The screenshot shows a SQL query window with the following query: `SELECT * FROM campaign.campaign;` The result grid displays the following data:

CampaignID	Campaign_ChairFirstName	Campaign_ChairLastName	Campaign_LaunchDate	Campaign_EndDate	Campaign_FundraisingGoal
Books for Schools	Jody	Forestor	2010-01-03	2012-11-08	\$4000
Lambert for Mayor	Shelley	Burke	2010-01-01	2012-11-08	\$2000
Send Brit Tour to	BritSeاون	Collins	2011-03-15	2011-05-30	\$10,000
NULL	NULL	NULL	NULL	NULL	NULL

3.

The screenshot shows a SQL query window with the following query: `SELECT * FROM campaign.pledge;` The result grid displays the following data:

ContributorID	CampaignID	Pledge_DatePledged	Pledge_Amount	Pledge_Paid	Pledge_PaymentDate
John Steel	Lambert For Mayor	2010-01-10	\$250	Y	2010-01-12
Helvetius Nagy	Lambert For Mayor	2010-03-11	\$75	Y	2010-03-12
Karl Jablonski	Lambert For Mayor	2010-02-01	\$45	Y	010-02-01
Art Steel	Lambert For Mayor	2010-05-01	\$55	Y	2010-05-10
Art Steel	Books for Schools	2010-05-22	\$100	Y	2010-05-27
John Wilson	Lambert For Mayor	2010-04-01	\$75	Y	2010-04-01
John Wilson	Lambert For Mayor	2010-06-22	\$100	N	

The Output window shows the following messages:

Time	Action	Message
35 13:59:46	SELECT * FROM campaign.CONTRIBUTORS LIMIT 0, 1000	Error Code: 1146. Table 'campaign.contributors' doe
36 14:00:04	SELECT * FROM campaign.contributors LIMIT 0, 1000	Error Code: 1146. Table 'campaign.contributors' doe
37 14:00:49	SELECT * FROM campaign.contributor LIMIT 0, 1000	7 row(s) returned
38 14:01:58	SELECT * FROM campaign.campaigns LIMIT 0, 1000	Error Code: 1146. Table 'campaign.campaigns' doe
39 14:02:06	SELECT * FROM campaign.campaign LIMIT 0, 1000	3 row(s) returned
40 14:02:47	SELECT * FROM campaign.pledge LIMIT 0, 1000	10 row(s) returned

4.

The screenshot shows a database management tool interface. At the top, a toolbar includes icons for file operations, a search icon, and a dropdown menu set to "Limit to 1000 rows". Below the toolbar, a SQL editor contains the following code:

```
1 USE Campaign;  
2 SELECT ContributorID, Pledge_Amount  
3 FROM PLEDGE  
4 GROUP BY ContributorID
```

Below the editor is a "Result Grid" section with a table of results:

ContributorID	Pledge_Amount
Art Steel	\$55
Helvetius Nagy	\$75
John Steel	\$250
John Wilson	\$75
Karl Jablonski	\$45
Mark Coyle	\$1000
NULL	NULL

Below the result grid is an "Output" section with a dropdown menu set to "Action Output". It displays a log of database actions:

	Time	Action	Message
✓	697 18:50:15	USE Campaign	0 row(s) affected
✗	698 18:50:15	SELECT 'ContributorID', 'Pledge_Amount' FROM Campaign WHERE SUM(AMO...	Error Code: 1111. Invalid use of group function
✓	699 18:51:29	USE Campaign	0 row(s) affected
✓	700 18:51:29	SELECT 'ContributorID', 'Pledge_Amount' FROM PLEDGE GROUP BY Contributo...	6 row(s) returned
✓	701 18:51:49	USE Campaign	0 row(s) affected
✓	702 18:51:49	SELECT ContributorID, Pledge_Amount FROM PLEDGE GROUP BY Contributorl...	6 row(s) returned

5.

The screenshot shows a SQL IDE interface with a query editor and an output window. The query editor contains the following SQL code:

```
1 SELECT ContributorID, Contributor_Address, Contributor_City, Contributor_State, Contributor_Zip
2 FROM CONTRIBUTOR
3 WHERE ContributorID= ('Helvetius Nagy')
4
```

The output window shows the results of the query execution. The first row is expanded, showing the following data:

ContributorID	Contributor_Address	Contributor_City	Contributor_State	Contributor_Zip
Helvetius Nagy	1200 Main ST	Kirkland	WA	98034
* NULL	NULL	NULL	NULL	NULL

The output window also shows a list of actions and messages:

Time	Action	Message
20:11:57	SELECT ContributorID,Address,City,State,Zip FROM Contributor WHERE Contribut...	Error Code: 1054. Unknown column 'Address' in field list'
20:12:59	SELECT ContributorID,'Address','City','State','Zip' FROM Contributor WHERE Contr...	1 row(s) returned
20:12:59	SELECT ContributorID,'Address','City','State','Zip' FROM Contributor WHERE Contr...	1 row(s) returned
20:13:54	SELECT ContributorID,'Address','City','State','Zip' FROM CONTRIBUTOR WHERE...	1 row(s) returned
20:16:01	SELECT * FROM CONTRIBUTOR WHERE ContributorID= ('Helvetius Nagy') LIM...	1 row(s) returned
20:18:06	SELECT ContributorID, Contributor_Address, Contributor_City, Contributor_State, C...	1 row(s) returned

Query 2 SQL File 4* SQL File 5* COYLEMSQL1 SQL File 6* SQL File 7* SQL File 8* x SQL File 9*

Limit to 1000 rows

```

1 • SELECT ContributorID, Contributor_Address, Contributor_City, Contributor_State, Contributor_Zip
2 FROM CONTRIBUTOR
3 where Contributor_City = (select Contributor_City FROM contributor where contributorID='Sandra Jones')

```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

ContributorID	Contributor_Address	Contributor_City	Contributor_State	Contributor_Zip
Karl Jablonski	305 - 14th Ave.S.	Seattle	WA	98128
Sandra Jones	3535 255th St SW	Seattle	WA	98133
* NULL	NULL	NULL	NULL	NULL

CONTRIBUTOR 16 x

Output

Action Output

	Time	Action	Message
✖	644 18:24:18	SELECT CampaignID, Pledge_Amount, FundraisingGoal, fund_short_of_goal FRO...	Error Code: 1054. Unknown column 'FundraisingGoal' in field list'
✔	645 18:24:26	SELECT ContributorID, Contributor_Address, Contributor_City, Contributor_State, ...	OK
✔	646 18:25:48	SELECT ContributorID, Contributor_Address, Contributor_City, Contributor_State, ...	OK
✔	647 18:26:33	SELECT ContributorID, Contributor_Address, Contributor_City, Contributor_State, ...	0 row(s) returned
✔	648 18:26:58	SELECT ContributorID, Contributor_Address, Contributor_City, Contributor_State, ...	2 row(s) returned
✔	649 18:27:18	SELECT ContributorID, Contributor_Address, Contributor_City, Contributor_State, ...	2 row(s) returned

6.

The screenshot shows the SQL Developer interface with a query window titled 'SQL File 10*' containing the following SQL code:

```
1 USE campaign;  
2 SELECT CampaignID, Pledge_Amount  
3 FROM Pledge  
4 GROUP BY CampaignID  
5
```

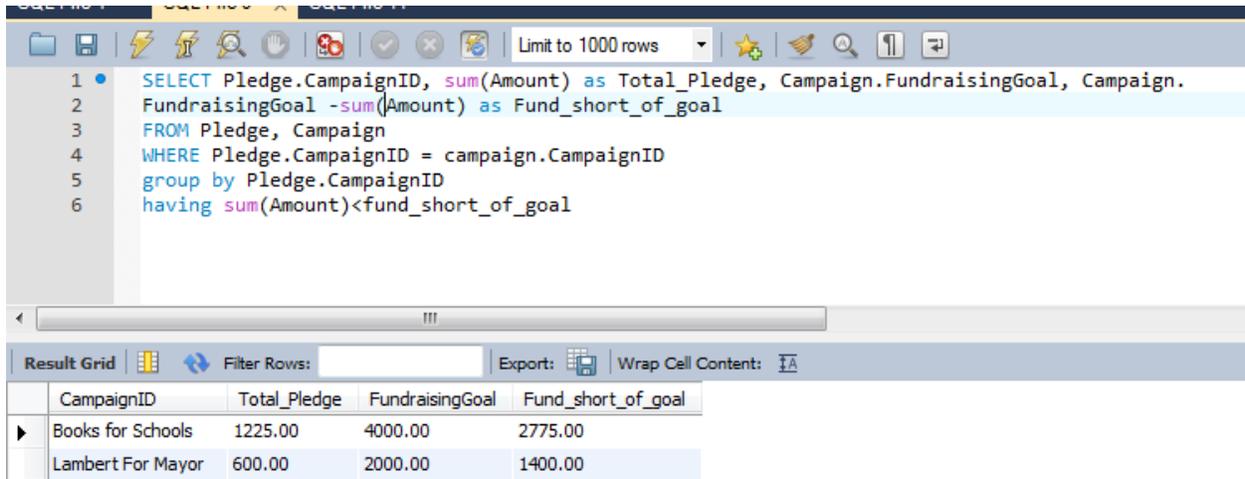
Below the query editor is the 'Result Grid' showing the output of the query:

CampaignID	Pledge_Amount
Books for Schools	\$100
Lambert For Mayor	\$250

At the bottom of the interface is the 'Output' window, which displays the execution log for the query:

Time	Action	Message
72 09:38:32	INSERT INTO PLEDGE VALUES ('John Wilson', 'Books For Schools', '2010-06-0...	1 row(s) affected
73 09:38:32	INSERT INTO PLEDGE VALUES ('Karl Jablonski', 'Books For Schools', '2010-07-3...	1 row(s) affected
74 09:38:32	INSERT INTO PLEDGE VALUES ('Mark Coyle', 'Books For Schools', '2010-07-31', ...	1 row(s) affected
75 09:38:32	COMMIT WORK	0 row(s) affected
76 09:39:03	USE campaign	0 row(s) affected
77 09:39:03	SELECT CampaignID, Pledge_Amount FROM Pledge GROUP BY CampaignID LI...	2 row(s) returned

7.



The screenshot shows a SQL query editor with a toolbar at the top. The query is as follows:

```
1 SELECT Pledge.CampaignID, sum(Amount) as Total_Pledge, Campaign.FundraisingGoal, Campaign.
2 FundraisingGoal -sum(Amount) as Fund_short_of_goal
3 FROM Pledge, Campaign
4 WHERE Pledge.CampaignID = campaign.CampaignID
5 group by Pledge.CampaignID
6 having sum(Amount)<fund_short_of_goal
```

Below the query editor is a "Result Grid" with the following data:

CampaignID	Total_Pledge	FundraisingGoal	Fund_short_of_goal
Books for Schools	1225.00	4000.00	2775.00
Lambert For Mayor	600.00	2000.00	1400.00

8.

The screenshot shows a database query tool interface. At the top, a toolbar contains various icons for file operations, search, and execution. A dropdown menu is set to "Limit to 1000 rows". Below the toolbar, a SQL query is entered in a text area: "1 • SELECT * FROM CAMPAIGN.Pledge".

The results are displayed in a "Result Grid" below the query. The grid has a toolbar with options for "Filter Rows", "Edit", "Export/Import", and "Wrap Cell Content". The data is presented in a table with the following columns: ContributorID, CampaignID, Pledge_DatePledged, Pledge_Amount, Pledge_Paid, and Pledge_PaymentDate.

	ContributorID	CampaignID	Pledge_DatePledged	Pledge_Amount	Pledge_Paid	Pledge_PaymentDate
	John Wilson	Lambert For Mayor	2010-04-01	\$75	Y	2010-04-01
	John Wilson	Lambert For Mayor	2010-06-22	\$100	N	
	John Wilson	Books For Schools	2010-06-02	\$25	Y	2010-06-10
	Karl Jablonski	Books For Schools	2010-07-31	\$100	Y	2010-08-01
	Mark Coyle	Books For Schools	2010-07-31	\$1000	Y	2010-08-01
	Karl Jablonski	Books For Schools	2000-07-31	\$100	N	
*	NULL	NULL	NULL	NULL	NULL	NULL

At the bottom left, there is a tab labeled "Pledge 1" with a close button (X).

Limit to 1000 rows

1 • SELECT * FROM CAMPAIGN.Pledge

Result Grid Filter Rows: Edit: Export/Import: Wrap

ContributorID	CampaignID	Pledge_DatePledged	Pledge_Amount	Pledge_Paid	Pledge_Payr
John Wilson	Lambert For Mayor	2010-06-22	\$100	N	
John Wilson	Books For Schools	2010-06-02	\$25	Y	2010-06-10
Karl Jablonski	Books For Schools	2010-07-31	\$100	Y	2010-08-01
Mark Coyle	Books For Schools	2010-07-31	\$1000	Y	2010-08-01
Karl Jablonski	Books For Schools	2000-07-31	\$100	N	2000-08-01

9.

10.

The screenshot shows a SQL IDE interface with the following components:

- SQL Editor:** Contains the query:

```
1 SELECT ContributorID, CampaignID, Pledge_AMOUNT
2 FROM PLEDGE
3 GROUP BY ContributorID, CampaignID
4
```
- Result Grid:** Displays the query results in a table:

ContributorID	CampaignID	Pledge_AMOUNT
Art Steel	Books for Schools	\$100
Art Steel	Lambert For Mayor	\$55
Helvetius Nagy	Lambert For Mayor	\$75
John Steel	Lambert For Mayor	\$250
John Wilson	Books For Schools	\$25
John Wilson	Lambert For Mayor	\$75
Karl Jablonski	Books For Schools	\$100
- Output:** Shows the execution log with the following entries:

	Time	Action	Message
✓	44 21:13:43	SELECT SUM(PLEDGE_AMOUNT) FROM PLEDGE LIMIT 0, 1000	1 row(s) returned
✗	45 21:14:28	SELECT SUM(PLEDGE_AMOUNT) FROM PLEDGE WHERE SUM = PLEDGE_...	Error Code: 1054. Unk
✓	46 21:14:35	SELECT SUM(PLEDGE_AMOUNT) FROM PLEDGE LIMIT 0, 1000	1 row(s) returned
✓	47 21:14:57	Use campaign	0 row(s) affected
✗	48 21:14:57	SELECT CampaignID, Pledge_Amount.CampaignID, FundraisingGoal.CampaignID, ...	Error Code: 1052. Colu
✓	49 21:15:33	SELECT ContributorID, CampaignID, Pledge_AMOUNT FROM PLEDGE GROUP ...	9 row(s) returned

SQL File 4* SQL File 9* SQL File 11* x

Limit to 1000

```
1 SELECT SUM(AMOUNT) AS TOTAL |
2 FROM PLEDGE
3
4
```

Result Grid Filter Rows: Export:

TOTAL
1825.00

11.