CHAPTER
3
PROBLEM
6

new connection ✖

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

🔍 Filter objects

▾ 🗄 ap
  ▸ 🗂 Tables
    🗂 Views
    🗂 Stored Procedures
    🗂 Functions
  ▸ 🗄 ex
  ▸ 🗄 om
  ▸ 🗄 sys

Query 1 ✖

Limit to 1000 rows ▾

```
1 • SELECT
2     vendor_name,
3     vendor_contact_last_name,
4     vendor_contact_first_name
5 FROM
6     vendors
7 ORDER BY vendor_contact_last_name , vendor_contact_first_name
```

Result Grid Filter Rows: 🔍   Export: Wrap Cell Content: 𝐈A

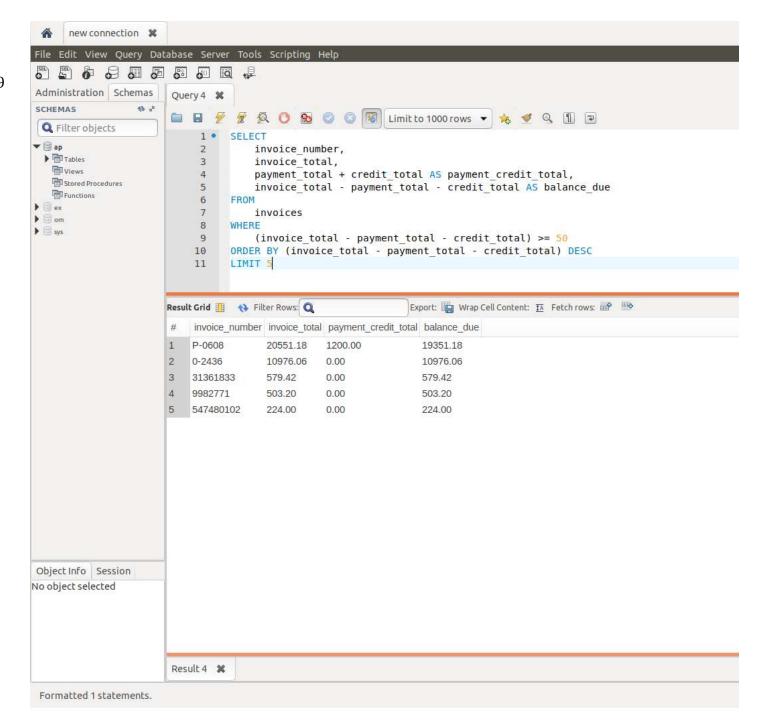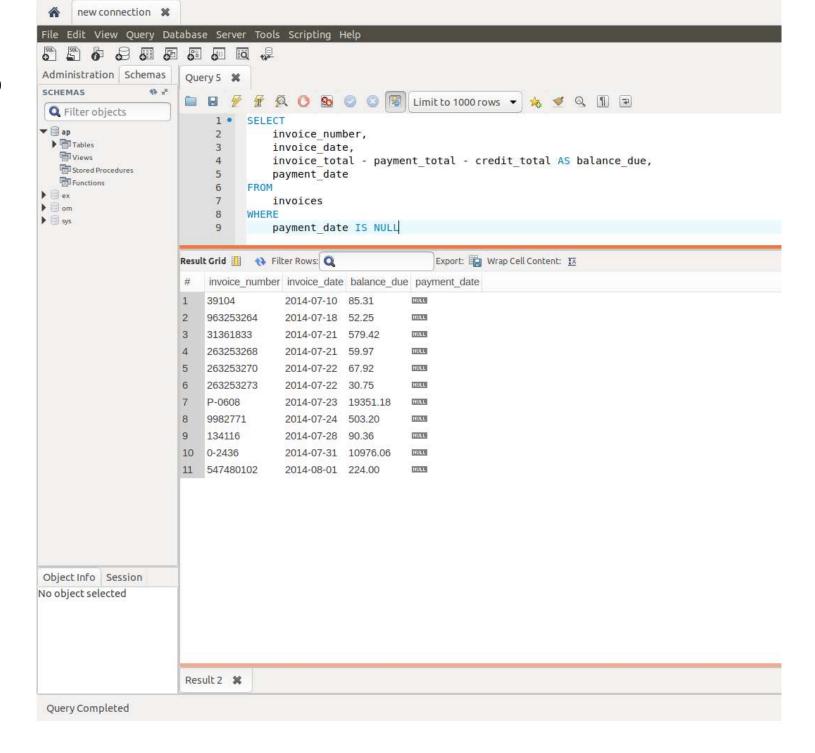| #	vendor_name	vendor_contact_last_name	vendor_contact_first_name
1	Dristas Groom & McCormick	Aaronsen	Thom
2	Internal Revenue Service	Aileen	Joan
3	US Postal Service	Alberto	Francesco
4	Yale Industrial Trucks-Fresno	Alexis	Alexandro
5	Leslie Company	Alondra	Zev
6	American Booksellers Assoc	Angelica	Nashalie
7	Courier Companies, Inc	Antavius	Troy
8	Pacific Gas & Electric	Anthoni	Kaitlyn
9	Lou Gentile's Flower Basket	Anum	Trisha
10	Pollstar	Aranovitch	Robert
11	Compuserve	Armando	Jan
12	Data Reproductions Corp	Arodondo	Cesar
13	State of California	Articunia	Mercedez
14	Computer Library	Aryn	Leroy
15	Fresno Rack & Shelving Inc	Baylee	Dakota
16	United Parcel Service	Beauregard	Violet
17	Nat Assoc of College Stores	Bernard	Lucy
18	Baker & Taylor Books	Bernardo	Brittnee
19	Golden Eagle Insurance Co	Blanca	Korah
20	Unocal	Bluzinski	Rachael
21	Simon Direct Inc	Bradlee	Daniel
22	Gostanian General Building	Bragg	Walter

Object Info Session
No object selected

vendors 2 ✖

Formatted 1 statements.

PROBLEM 7


```sql
1 • SELECT
2       CONCAT(vendor_contact_last_name,
3               ', ',
4               vendor_contact_first_name) AS full_name
5   FROM
6       vendors
7   WHERE
8       vendor_contact_last_name REGEXP '^[A-C]|^E'
9   ORDER BY vendor_contact_last_name
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

#	full_name
1	Aaronsen, Thom
2	Aileen, Joan
3	Alberto, Francesco
4	Alexis, Alexandro
5	Alondra, Zev
6	Angelica, Nashalie
7	Antavius, Troy
8	Anthoni, Kaitlyn
9	Anum, Trisha
10	Aranovitch, Robert
11	Armando, Jan
12	Arodondo, Cesar
13	Articunia, Merce…
14	Aryn, Leroy
15	Baylee, Dakota
16	Beauregard, Violet
17	Bernard, Lucy
18	Bernardo, Brittnee
19	Blanca, Korah
20	Bluzinski, Rachael
21	Bradlee, Daniel
22	Bragg, Walter

Result 7

Query Completed

```
 1 •  SELECT
 2        invoice_due_date AS 'Due Date',
 3        invoice_total AS 'Invoice Total',
 4        ROUND(invoice_total * .1, 2) AS '10%',
 5        ROUND(invoice_total * (1 + .1), 2) AS 'Plus 10%'
 6    FROM
 7        invoices
 8    WHERE
 9        invoice_total >= 500
10            AND invoice_total <= 1000
11    ORDER BY invoice_due_date DESC
```

#	Due Date	Invoice Total	10%	Plus 10%
1	2014-08-23	503.20	50.32	553.52
2	2014-08-10	579.42	57.94	637.36
3	2014-08-08	600.00	60.00	660.00
4	2014-08-06	739.20	73.92	813.12
5	2014-07-25	904.14	90.41	994.55
6	2014-07-11	936.93	93.69	1030.62
7	2014-06-29	639.77	63.98	703.75
8	2014-06-24	565.15	56.52	621.67
9	2014-06-20	953.10	95.31	1048.41
10	2014-06-02	856.92	85.69	942.61
11	2014-05-24	601.95	60.20	662.15
12	2014-05-16	662.00	66.20	728.20

PROBLEM 9

File Edit View Query Database Server Tools Scripting Help

Administration | Schemas

Query 4 ✖

SCHEMAS

🔍 Filter objects

▼ 🗃 ap
  ▶ 🗃 Tables
    🗃 Views
    🗃 Stored Procedures
    🗃 Functions
  ▶ 🗄 ex
  ▶ 🗄 om
  ▶ 🗄 sys

Limit to 1000 rows ▼

```
 1  •  SELECT
 2         invoice_number,
 3         invoice_total,
 4         payment_total + credit_total AS payment_credit_total,
 5         invoice_total - payment_total - credit_total AS balance_due
 6     FROM
 7         invoices
 8     WHERE
 9         (invoice_total - payment_total - credit_total) >= 50
10     ORDER BY (invoice_total - payment_total - credit_total) DESC
11     LIMIT 5
```

Result Grid | 🔁 Filter Rows: 🔍 | Export: | Wrap Cell Content: 🔤 | Fetch rows:

#	invoice_number	invoice_total	payment_credit_total	balance_due
1	P-0608	20551.18	1200.00	19351.18
2	0-2436	10976.06	0.00	10976.06
3	31361833	579.42	0.00	579.42
4	9982771	503.20	0.00	503.20
5	547480102	224.00	0.00	224.00

Object Info | Session

No object selected

Result 4 ✖

Formatted 1 statements.
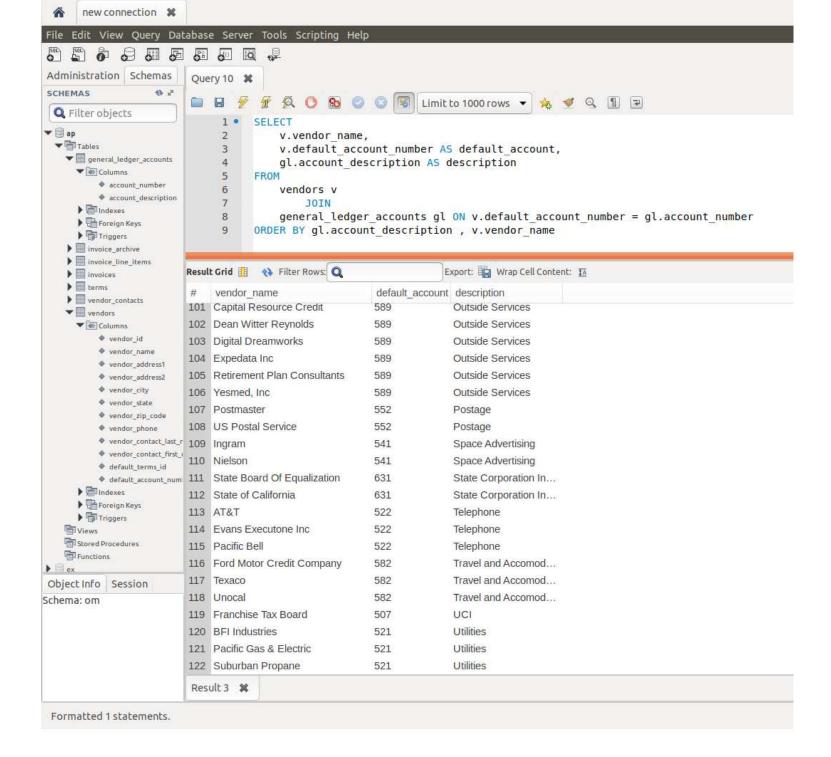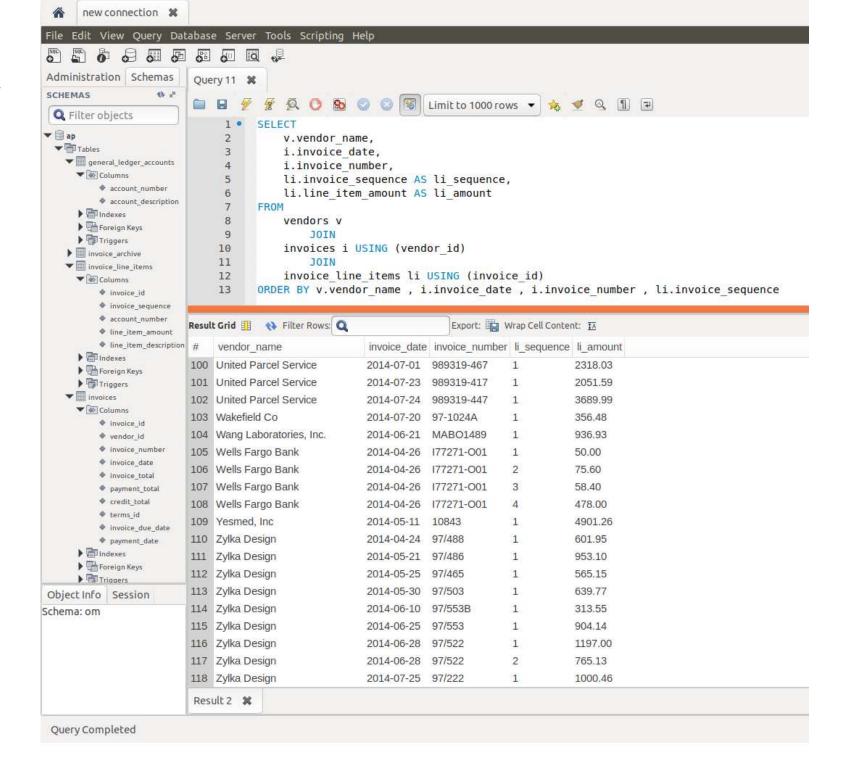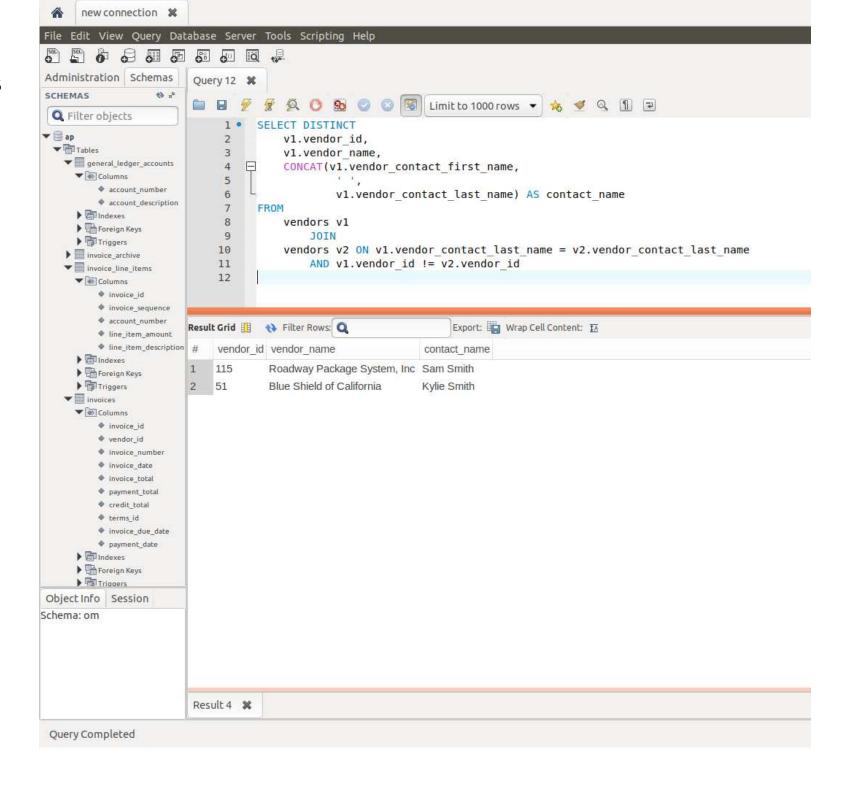
PROBLEM 10
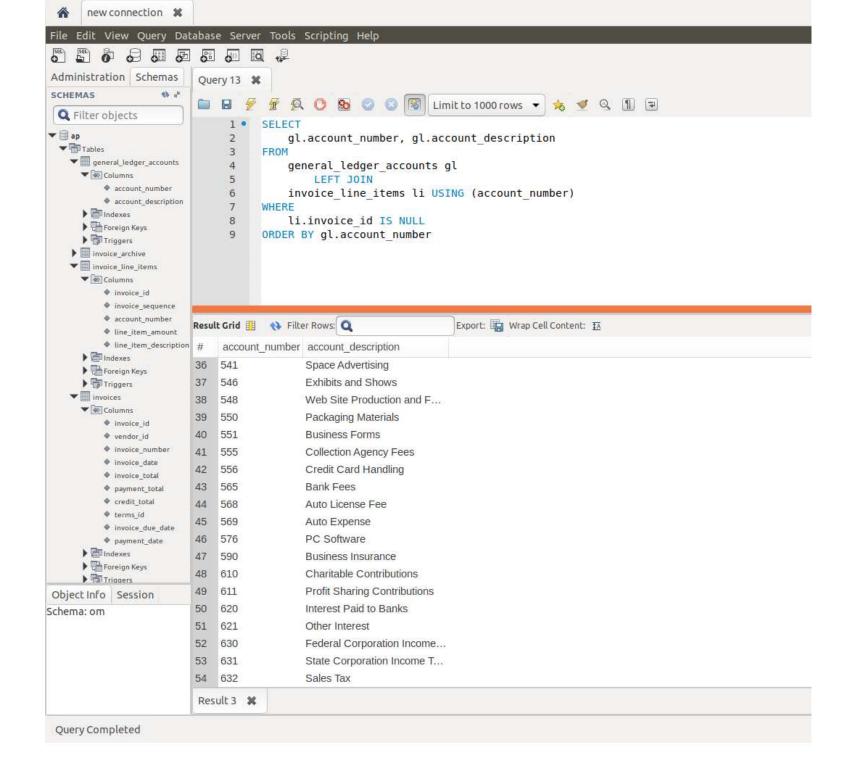
new connection ✖

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

Query 5 ✖

SCHEMAS

Limit to 1000 rows ▼

Filter objects

▼ 🗄 ap
  ▶ 📋 Tables
    📋 Views
    📋 Stored Procedures
    📋 Functions
  ▶ 🗄 ex
  ▶ 🗄 om
  ▶ 🗄 sys

```
1 •  SELECT
2        invoice_number,
3        invoice_date,
4        invoice_total - payment_total - credit_total AS balance_due,
5        payment_date
6    FROM
7        invoices
8    WHERE
9        payment_date IS NULL
```

Result Grid | 🔀 Filter Rows: | Export: 🗄 Wrap Cell Content: 🔤

#	invoice_number	invoice_date	balance_due	payment_date
1	39104	2014-07-10	85.31	NULL
2	963253264	2014-07-18	52.25	NULL
3	31361833	2014-07-21	579.42	NULL
4	263253268	2014-07-21	59.97	NULL
5	263253270	2014-07-22	67.92	NULL
6	263253273	2014-07-22	30.75	NULL
7	P-0608	2014-07-23	19351.18	NULL
8	9982771	2014-07-24	503.20	NULL
9	134116	2014-07-28	90.36	NULL
10	0-2436	2014-07-31	10976.06	NULL
11	547480102	2014-08-01	224.00	NULL

Object Info Session

No object selected

Result 2 ✖

Query Completed

PROBLEM 11


```sql
SELECT
    CURRENT_DATE,
    DATE_FORMAT(CURRENT_DATE, '%m/%d/%Y') AS 'current_date'
```

#	CURRENT_DATE	current_date
1	2019-01-10	01/10/2019

Query Completed

PROBLEM 12

SELECT
    *
FROM
    vendors v
        JOIN
    invoices i USING (vendor_id)

#	vendor_id	vendor_name	vendor_address1	vendor_address2	vendor_city	vendor_state	vendor_zip_code	vendor_phone	vendor_contact_last_name	vendor_contact_firs
93	123	Federal Express Corporation	P.O. Box 1140	Dept A	Memphis	TN	38101	(800) 555-4091	Bucket	Charlie
94	123	Federal Express Corporation	P.O. Box 1140	Dept A	Memphis	TN	38101	(800) 555-4091	Bucket	Charlie
95	82	Reiter's Scientific & Pro Bo…	2021 K Street Nw	NULL	Washington	DC	20006	(202) 555-5561	Rodolfo	Carlee
96	110	Malloy Lithographing Inc	5411 Jackson Road	PO Box 1124	Ann Arbor	MI	48106	(313) 555-6113	Regging	Abe
97	90	Wakefield Co	295 W Cromwell Ave …	NULL	Fresno	CA	93711	(559) 555-4744	Rothman	Nathanael
98	83	Ingram	PO Box 845361	NULL	Dallas	TX	75284	NULL	Yobani	Trey
99	123	Federal Express Corporation	P.O. Box 1140	Dept A	Memphis	TN	38101	(800) 555-4091	Bucket	Charlie
100	123	Federal Express Corporation	P.O. Box 1140	Dept A	Memphis	TN	38101	(800) 555-4091	Bucket	Charlie
101	123	Federal Express Corporation	P.O. Box 1140	Dept A	Memphis	TN	38101	(800) 555-4091	Bucket	Charlie
102	110	Malloy Lithographing Inc	5411 Jackson Road	PO Box 1124	Ann Arbor	MI	48106	(313) 555-6113	Regging	Abe
103	122	United Parcel Service	P.O. Box 505820	NULL	Reno	NV	88905	(800) 555-0855	Beauregard	Violet
104	123	Federal Express Corporation	P.O. Box 1140	Dept A	Memphis	TN	38101	(800) 555-4091	Bucket	Charlie
105	106	Ford Motor Credit Company	Dept 0419	NULL	Los Ange…	CA	90084	(800) 555-7000	Snyder	Karen
106	110	Malloy Lithographing Inc	5411 Jackson Road	PO Box 1124	Ann Arbor	MI	48106	(313) 555-6113	Regging	Abe
107	122	United Parcel Service	P.O. Box 505820	NULL	Reno	NV	88905	(800) 555-0855	Beauregard	Violet
108	123	Federal Express Corporation	P.O. Box 1140	Dept A	Memphis	TN	38101	(800) 555-4091	Bucket	Charlie
109	121	Zylka Design	3467 W Shaw Ave #103	NULL	Fresno	CA	93711	(559) 555-8625	Ronaldsen	Jaime
110	80	Cardinal Business Media, I…	P O Box 7247-7844	NULL	Philadelp…	PA	19170	(215) 555-1500	Eulalia	Kelsey
111	123	Federal Express Corporation	P.O. Box 1140	Dept A	Memphis	TN	38101	(800) 555-4091	Bucket	Charlie
112	110	Malloy Lithographing Inc	5411 Jackson Road	PO Box 1124	Ann Arbor	MI	48106	(313) 555-6113	Regging	Abe
113	37	Blue Cross	PO Box 9061	NULL	Oxnard	CA	93031	(800) 555-0912	Eliana	Nikolas
114	123	Federal Express Corporation	P.O. Box 1140	Dept A	Memphis	TN	38101	(800) 555-4091	Bucket	Charlie

Result 2

Query Completed

PROBLEM 2

File Edit View Query Database Server Tools Scripting Help

Administration Schemas

SCHEMAS

🔍 Filter objects

▼ 🛢 ap
  ▼ 🗂 Tables
    ▶ 🗐 general_ledger_accounts
    ▶ 🗐 invoice_archive
    ▶ 🗐 invoice_line_items
    ▼ 🗐 invoices
      ▼ 🔷 Columns
        ◆ invoice_id
        ◆ vendor_id
        ◆ invoice_number
        ◆ invoice_date
        ◆ invoice_total
        ◆ payment_total
        ◆ credit_total
        ◆ terms_id
        ◆ invoice_due_date
        ◆ payment_date
      ▶ 🗐 Indexes
      ▶ 🗐 Foreign Keys
      ▶ 🗐 Triggers
    ▶ 🗐 terms
    ▶ 🗐 vendor_contacts
    ▼ 🗐 vendors
      ▼ 🔷 Columns
        ◆ vendor_id
        ◆ vendor_name
        ◆ vendor_address1
        ◆ vendor_address2
        ◆ vendor_city
        ◆ vendor_state
        ◆ vendor_zip_code
        ◆ vendor_phone
        ◆ vendor_contact_last_r
        ◆ vendor_contact_first_r
        ◆ default_terms_id

Object Info Session

Schema: om

Query 9 ✖

Limit to 1000 rows ▾

```
 1 ● SELECT
 2       v.vendor_name,
 3       i.invoice_number,
 4       i.invoice_date,
 5       i.invoice_total - i.payment_total - i.credit_total AS balance_due
 6   FROM
 7       vendors v
 8           JOIN
 9       invoices i USING (vendor_id)
10   WHERE
11       (i.invoice_total - i.payment_total - i.credit_total) > 0
12   ORDER BY vendor_name
```

Result Grid 🗐 🔄 Filter Rows: 🔍   Export: 🗐 Wrap Cell Content: 🔤

#	vendor_name	invoice_number	invoice_date	balance_due
1	Blue Cross	547480102	2014-08-01	224.00
2	Cardinal Business Media, Inc.	134116	2014-07-28	90.36
3	Data Reproductions Corp	39104	2014-07-10	85.31
4	Federal Express Corporation	263253273	2014-07-22	30.75
5	Federal Express Corporation	263253268	2014-07-21	59.97
6	Federal Express Corporation	963253264	2014-07-18	52.25
7	Federal Express Corporation	263253270	2014-07-22	67.92
8	Ford Motor Credit Company	9982771	2014-07-24	503.20
9	Ingram	31361833	2014-07-21	579.42
10	Malloy Lithographing Inc	P-0608	2014-07-23	19351.18
11	Malloy Lithographing Inc	0-2436	2014-07-31	10976.06

Result 10 ✖

Formatted 1 statements.

PROBLEM 3

PROBLEM 4

Administration Schemas

Query 11 ✖

SCHEMAS

🔍 Filter objects

▼ 🗄 ap
  ▼ 🗂 Tables
    ▼ 🎞 general_ledger_accounts
      ▼ 🔧 Columns
        ◆ account_number
        ◆ account_description
      ▶ 🗂 Indexes
      ▶ 🗂 Foreign Keys
      ▶ 🗂 Triggers
    ▶ 🎞 invoice_archive
    ▼ 🎞 invoice_line_items
      ▼ 🔧 Columns
        ◆ invoice_id
        ◆ invoice_sequence
        ◆ account_number
        ◆ line_item_amount
        ◆ line_item_description
      ▶ 🗂 Indexes
      ▶ 🗂 Foreign Keys
      ▶ 🗂 Triggers
    ▼ 🎞 invoices
      ▼ 🔧 Columns
        ◆ invoice_id
        ◆ vendor_id
        ◆ invoice_number
        ◆ invoice_date
        ◆ invoice_total
        ◆ payment_total
        ◆ credit_total
        ◆ terms_id
        ◆ invoice_due_date
        ◆ payment_date
      ▶ 🗂 Indexes
      ▶ 🗂 Foreign Keys
      ▶ 🗂 Triggers

Object Info Session

Schema: om

Limit to 1000 rows ▾

```sql
1 • SELECT
2       v.vendor_name,
3       i.invoice_date,
4       i.invoice_number,
5       li.invoice_sequence AS li_sequence,
6       li.line_item_amount AS li_amount
7   FROM
8       vendors v
9           JOIN
10      invoices i USING (vendor_id)
11          JOIN
12      invoice_line_items li USING (invoice_id)
13  ORDER BY v.vendor_name , i.invoice_date , i.invoice_number , li.invoice_sequence
```

Result Grid | Filter Rows: 🔍 | Export: | Wrap Cell Content: 🔤

#	vendor_name	invoice_date	invoice_number	li_sequence	li_amount
100	United Parcel Service	2014-07-01	989319-467	1	2318.03
101	United Parcel Service	2014-07-23	989319-417	1	2051.59
102	United Parcel Service	2014-07-24	989319-447	1	3689.99
103	Wakefield Co	2014-07-20	97-1024A	1	356.48
104	Wang Laboratories, Inc.	2014-06-21	MABO1489	1	936.93
105	Wells Fargo Bank	2014-04-26	I77271-O01	1	50.00
106	Wells Fargo Bank	2014-04-26	I77271-O01	2	75.60
107	Wells Fargo Bank	2014-04-26	I77271-O01	3	58.40
108	Wells Fargo Bank	2014-04-26	I77271-O01	4	478.00
109	Yesmed, Inc	2014-05-11	10843	1	4901.26
110	Zylka Design	2014-04-24	97/488	1	601.95
111	Zylka Design	2014-05-21	97/486	1	953.10
112	Zylka Design	2014-05-25	97/465	1	565.15
113	Zylka Design	2014-05-30	97/503	1	639.77
114	Zylka Design	2014-06-10	97/553B	1	313.55
115	Zylka Design	2014-06-25	97/553	1	904.14
116	Zylka Design	2014-06-28	97/522	1	1197.00
117	Zylka Design	2014-06-28	97/522	2	765.13
118	Zylka Design	2014-07-25	97/222	1	1000.46

Result 2 ✖

Query Completed

PROBLEM 5

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Administration   Schemas

Query 12 ✖

SCHEMAS

🔍 Filter objects

- ap
  - Tables
    - general_ledger_accounts
      - Columns
        - ◆ account_number
        - ◆ account_description
      - ▶ Indexes
      - ▶ Foreign Keys
      - ▶ Triggers
    - ▶ invoice_archive
    - invoice_line_items
      - Columns
        - ◆ invoice_id
        - ◆ invoice_sequence
        - ◆ account_number
        - ◆ line_item_amount
        - ◆ line_item_description
      - ▶ Indexes
      - ▶ Foreign Keys
      - ▶ Triggers
    - invoices
      - Columns
        - ◆ invoice_id
        - ◆ vendor_id
        - ◆ invoice_number
        - ◆ invoice_date
        - ◆ invoice_total
        - ◆ payment_total
        - ◆ credit_total
        - ◆ terms_id
        - ◆ invoice_due_date
        - ◆ payment_date
      - ▶ Indexes
      - ▶ Foreign Keys
      - ▶ Triggers

Object Info   Session

Schema: om

```
 1 •  SELECT DISTINCT
 2        v1.vendor_id,
 3        v1.vendor_name,
 4        CONCAT(v1.vendor_contact_first_name,
 5               ' ',
 6               v1.vendor_contact_last_name) AS contact_name
 7    FROM
 8        vendors v1
 9            JOIN
10        vendors v2 ON v1.vendor_contact_last_name = v2.vendor_contact_last_name
11            AND v1.vendor_id != v2.vendor_id
12
```

Limit to 1000 rows ▼

Result Grid | 🔽 Filter Rows: 🔍   Export: | Wrap Cell Content: 🔠

#	vendor_id	vendor_name	contact_name
1	115	Roadway Package System, Inc	Sam Smith
2	51	Blue Shield of California	Kylie Smith

Result 4 ✖

Query Completed

PROBLEM 6

```sql
1   SELECT
2       gl.account_number, gl.account_description
3   FROM
4       general_ledger_accounts gl
5           LEFT JOIN
6       invoice_line_items li USING (account_number)
7   WHERE
8       li.invoice_id IS NULL
9   ORDER BY gl.account_number
```

#	account_number	account_description
36	541	Space Advertising
37	546	Exhibits and Shows
38	548	Web Site Production and F…
39	550	Packaging Materials
40	551	Business Forms
41	555	Collection Agency Fees
42	556	Credit Card Handling
43	565	Bank Fees
44	568	Auto License Fee
45	569	Auto Expense
46	576	PC Software
47	590	Business Insurance
48	610	Charitable Contributions
49	611	Profit Sharing Contributions
50	620	Interest Paid to Banks
51	621	Other Interest
52	630	Federal Corporation Income…
53	631	State Corporation Income T…
54	632	Sales Tax

Schema: om

Query Completed

PROBLEM 7

new connection ✖

File Edit View Query Database Server Tools Scripting Help

Administration | Schemas

Query 14 ✖

SCHEMAS

Filter objects

- ap
  - Tables
    - general_ledger_accounts
    - invoice_archive
    - invoice_line_items
    - invoices
    - terms
    - vendor_contacts
    - vendors
      - Columns
        - vendor_id
        - vendor_name
        - vendor_address1
        - vendor_address2
        - vendor_city
        - vendor_state
        - vendor_zip_code
        - vendor_phone
        - vendor_contact_last_r
        - vendor_contact_first_r
        - default_terms_id
        - default_account_num
      - Indexes
      - Foreign Keys
      - Triggers
    - Views
    - Stored Procedures
    - Functions
  - ex
  - om
  - sys

Object Info | Session

Schema: om

Limit to 1000 rows

```
1  SELECT
2      vendor_name, vendor_state
3  FROM
4      vendors
5  WHERE
6      vendor_state = 'CA'
7  UNION SELECT
8      vendor_name, 'Outside CA' AS vendor_state
9  FROM
10     vendors
11 WHERE
12     vendor_state != 'CA'
13 ORDER BY vendor_name
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

#	vendor_name	vendor_state
104	The Library Ltd	Outside CA
105	The Mailers Guide Co	Outside CA
106	The Presort Center	CA
107	The Windows Deck	CA
108	Towne Advertiser's Mailing S…	CA
109	United Parcel Service	Outside CA
110	Unocal	CA
111	US Postal Service	Outside CA
112	Valprint	CA
113	Venture Communications Int'l	Outside CA
114	Vision Envelope & Printing	CA
115	Wakefield Co	CA
116	Wang Laboratories, Inc.	CA
117	Wells Fargo Bank	Outside CA
118	Yale Industrial Trucks-Fresno	CA
119	Yesmed, Inc	CA
120	Zee Medical Service Co	Outside CA
121	Zip Print & Copy Center	CA
122	Zylka Design	CA

Result 5 ✖

Query Completed

hw1 ✖

File Edit View Query Database Server Tools Scripting Help

Management | Schemas

Query 8 ✖ | SQL File 6* ✖ | SQL File 12* ✖ | invoices ✖

SCHEMAS

🔍 Filter objects

▼ 🛢 ap
　▼ 🗂 Tables
　　▶ 🎫 general_ledger_accou
　　▶ 🎫 invoice_archive
　　▼ 🎫 invoice_line_items
　　　▼ 🔲 Columns
　　　　◆ invoice_id
　　　　◆ invoice_sequence
　　　　◆ account_number
　　　　◆ line_item_amount
　　　　◆ line_item_descript
　　　▶ 🗐 Indexes
　　　▶ 🗝 Foreign Keys
　　　▶ 🗐 Triggers
　　▼ 🎫 invoices
　　　▶ 🔲 Columns
　　　▶ 🗐 Indexes
　　　▶ 🗝 Foreign Keys
　　　▶ 🗐 Triggers
　　▶ 🎫 terms
　　▶ 🎫 vendor_contacts
　　▼ 🎫 vendors
　　　▼ 🔲 Columns
　　　　◆ vendor_id
　　　　◆ vendor_name
　　　　◆ vendor_address1
　　　　◆ vendor_address2
　　　　◆ vendor_city
　　　　◆ vendor_state
　　　　◆ vendor_zip_code

Limit to 1000 rows

```
 1    #Problem 1
 2    INSERT INTO ap.terms VALUES
 3    (6, 'Net due 120 days', 120);
 4    #Problem 2
 5    UPDATE ap.terms
 6    SET
 7        terms_description = 'Net due 125 days',
 8        terms_due_days = 125
 9    WHERE
10        terms_id = 6;
11    #Problem 3
12    DELETE FROM ap.terms
13    WHERE
14        terms_id = 6;
15    #Problem 4
16    INSERT INTO ap.invoices VALUES
17    (DEFAULT, 32, 'AX-014-027', '2014-8-1', 434.58, 0, 0, 2, '2014-8-31', NULL);
18    #Problem 5
19    INSERT INTO ap.invoice_line_items VALUES
20    (115, 1, 160, 180.23, 'Hard Drive'),
21    (115, 2, 527, 254.35, 'Exchange Server update');
22    #Problem 6
23    UPDATE ap.invoices
24    SET
25        credit_total = 434.58 * .1,
26        payment_total = 434.58 * .9
27    WHERE
28        invoice_id = 115;
29    #Problem 7
30    UPDATE ap.vendors
31    SET
32        default_account_number = 403
33    WHERE
34        vendor_id = 44;
```

PROBLEMS
8-9

```
35   #Problem 8
36 • UPDATE ap.invoices
37   SET
38       terms_id = 2
39   WHERE
40 ⊟     vendor_id = (SELECT
41                 vendor_id
42           FROM
43               ap.vendors
44           WHERE
45 ⊠             default_account_number = 2);
46   #Problem 9
47 • DELETE FROM ap.invoice_line_items
48   WHERE
49       invoice_id = 115;
50
51 • DELETE FROM ap.invoices
52   WHERE
53 ⊠     invoice_id = 115;
```