3.1 AND 3.2

3.3

3.4

3.5

3.6

3.7

```
1 •  SELECT vendor_name, vendor_contact_last_name, vendor_contact_first_name
2    FROM vendors
3    ORDER BY vendor_contact_last_name, vendor_contact_first_name;
4
5 •  SELECT CONCAT(vendor_contact_last_name, ', ', vendor_contact_first_name) AS full_name
6    FROM vendors
7    WHERE vendor_contact_last_name < 'D' OR vendor_contact_last_name LIKE 'E%'
8    ORDER BY vendor_contact_last_name, vendor_contact_first_name;
9
```

Result Grid

full_name
Aaronsen. Thom
Aileen. Joan
Alberto. Francesco
Alexis. Alexandro
Alondra. Zev
Angelica. Nashalie
Antavius. Troy
Anthoni. Kaitlyn
Anum. Trisha
Aranovitch. Robert
Armando. Jan

3.8

```
1 ❌  SELECT invoice_due_date AS "Due Date",
2 ❌         invoice_total  AS "Invoice Total",
3 ❌         invoice_total / 10 AS "10%",
4 ❌         invoice_total * 1.1 AS "Plus 10%"
5    FROM invoices
6    WHERE invoice_total >= 500 AND invoice_total <= 1000
7    ORDER BY invoice_due_date DESC;
8
```

Result Grid

Due Date	Invocie Total	10%	Plus 10%
2014-08-23	503.20	50.320000	553.520
2014-08-10	579.42	57.942000	637.362
2014-08-08	600.00	60.000000	660.000
2014-08-06	739.20	73.920000	813.120
2014-07-25	904.14	90.414000	994.554
2014-07-11	936.93	93.693000	1030.623
2014-06-29	639.77	63.977000	703.747
2014-06-24	565.15	56.515000	621.665
2014-06-20	953.10	95.310000	1048.410
2014-06-02	856.92	85.692000	942.612

3.9

3.10

3.11

3.12

4.1

4.2

4.3

4.4

4.5

```
25        order by vendor_name, invoice_date, invoice_number, invoice_sequence;
26
27  •   select v1.vendor_id,
28            v1.vendor_name,
29            concat(v1.vendor_contact_first_name, ' ', v1.vendor_contact_last_name) AS contact_name
30        from vendors v1 join vendors v2
31          on v1.vendor_id <> v2.vendor_id and
32            v1.vendor_contact_last_name = v2.vendor_contact_last_name
33        order by v1.vendor_contact_last_name;
34
35
36
```

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

vendor_id	vendor_name	contact_name
115	Roadway Package System. Inc	Sam Smith
51	Blue Shield of California	Kylie Smith

Result 6   Read Only
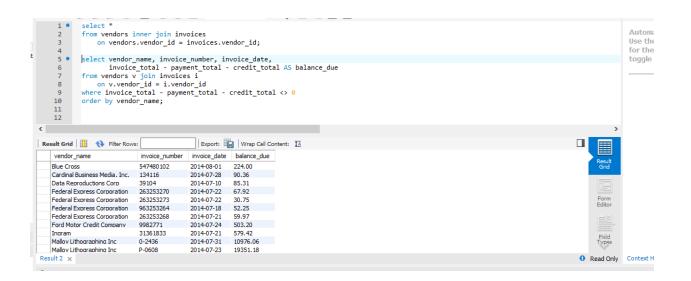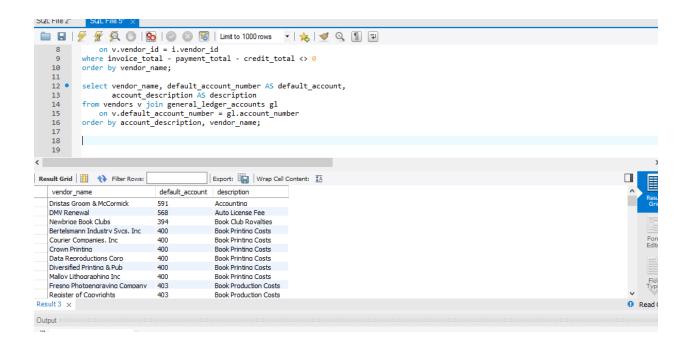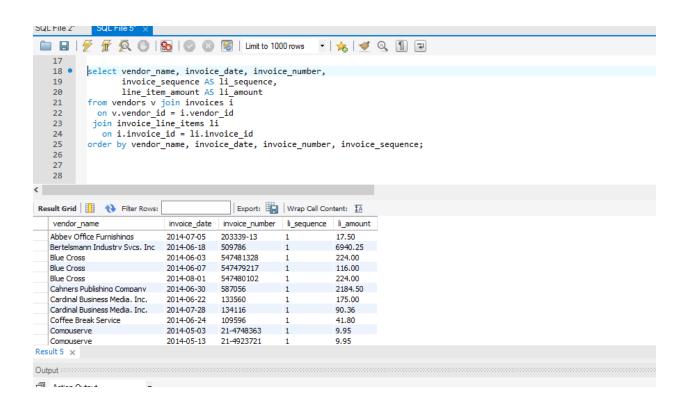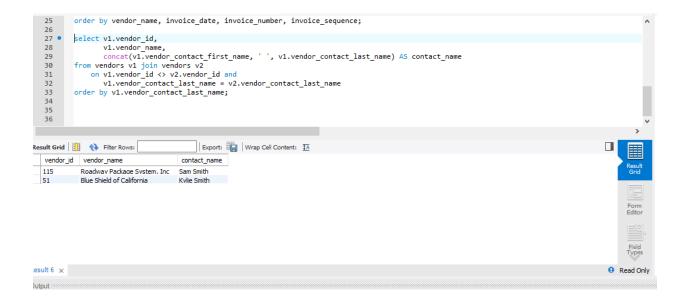
Output

4.6'

```
34
35
36  •   select gl.account_number, account_description, invoice_id
37        from general_ledger_accounts gl left join invoice_line_items li
38          on gl.account_number = li.account_number
39        where li.invoice_id is null
40        order by gl.account_number;
41
42
```

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

account_number	account_description	invoice_id
100	Cash	NULL
110	Accounts Receivable	NULL
120	Book Inventory	NULL
162	Capitalized Lease	NULL
167	Software	NULL
181	Book Development	NULL
200	Accounts Payable	NULL
205	Royalties Payable	NULL
221	401K Employee Contributions	NULL
230	Sales Taxes Payable	NULL
234	Medicare Taxes Payable	NULL

Result 7   Read On

Output

4.7

```
40    order by gl.account_number;
41
42  ● │ select vendor_name, vendor_state
43        from vendors
44        where vendor_state = 'CA'
45    union
46        select vendor_name, 'Outside CA'
47        from vendors
48        where vendor_state <> 'CA'
49    order by vendor_name;
50
51
```

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

account_number	account_description	invoice_id
100	Cash	NULL
110	Accounts Receivable	NULL
120	Book Inventory	NULL
162	Capitalized Lease	NULL
167	Software	NULL
181	Book Development	NULL
200	Accounts Payable	NULL
205	Royalties Payable	NULL
221	401K Employee Contributions	NULL
230	Sales Taxes Payable	NULL
234	Medicare Taxes Payable	NULL

Result 8   ×   ❶ Read Only   Context Help   Snippets

Output