

Hw 2

Justin Ganzak

Limit to 1000 rows

```

1 • SELECT * FROM invoices;
2
3 • SELECT invoice_number, invoice_date, invoice_total
4 FROM invoices
5 ORDER BY invoice_total DESC;

```

invoice_id	vendor_id	invoice_number	invoice_date	invoice_total	payment_total	credit_total	terms_id	invoice_due_date	payment_date
1	122	989319-457	2018-04-08	3813.33	3813.33	0.00	3	2018-05-08	2018-05-07
2	123	263253241	2018-04-10	40.20	40.20	0.00	3	2018-05-10	2018-05-14
3	123	963253234	2018-04-13	138.75	138.75	0.00	3	2018-05-13	2018-05-09
4	123	2-000-2993	2018-04-16	144.70	144.70	0.00	3	2018-05-16	2018-05-12
5	123	963253251	2018-04-16	15.50	15.50	0.00	3	2018-05-16	2018-05-11
6	123	963253261	2018-04-16	42.75	42.75	0.00	3	2018-05-16	2018-05-21
7	123	963253237	2018-04-21	172.50	172.50	0.00	3	2018-05-21	2018-05-22
8	89	125520-1	2018-04-24	95.00	95.00	0.00	1	2018-05-04	2018-05-01
9	121	977488	2018-04-24	601.95	601.95	0.00	3	2018-05-24	2018-05-21
10	123	263253250	2018-04-24	42.67	42.67	0.00	3	2018-05-24	2018-05-22
11	123	963253262	2018-04-25	42.50	42.50	0.00	3	2018-05-25	2018-05-20
12	96	177271-001	2018-04-26	662.00	662.00	0.00	2	2018-05-16	2018-05-13
13	95	111-92K-10096	2018-04-30	16.33	16.33	0.00	2	2018-05-20	2018-05-23
14	115	25022117	2018-05-01	6.00	6.00	0.00	4	2018-06-10	2018-06-10
15	48	P02-8807757	2018-05-03	856.92	856.92	0.00	3	2018-06-02	2018-05-30
16	97	21-4748363	2018-05-03	9.95	9.95	0.00	2	2018-05-23	2018-05-22
17	123	4-321-2596	2018-05-05	10.00	10.00	0.00	3	2018-06-04	2018-06-05
18	123	963253242	2018-05-06	104.00	104.00	0.00	3	2018-06-05	2018-06-05
19	34	OP58872	2018-05-07	116.54	116.54	0.00	1	2018-05-17	2018-05-19
20	115	24863706	2018-05-10	6.00	6.00	0.00	4	2018-06-19	2018-06-15
21	119	10843	2018-05-11	4901.26	4901.26	0.00	2	2018-05-31	2018-05-29
22	123	963253235	2018-05-11	108.25	108.25	0.00	3	2018-06-10	2018-06-09
23	97	21-4923721	2018-05-13	9.95	9.95	0.00	2	2018-06-02	2018-05-28
24	113	77290	2018-05-13	1750.00	1750.00	0.00	5	2018-07-02	2018-07-05
25	123	963253246	2018-05-13	129.00	129.00	0.00	3	2018-06-12	2018-06-09
26	123	4-342-8069	2018-05-14	10.00	10.00	0.00	3	2018-06-13	2018-06-13
27	88	972110	2018-05-15	207.78	207.78	0.00	1	2018-05-25	2018-05-27
28	123	963253263	2018-05-16	109.50	109.50	0.00	3	2018-06-15	2018-06-10
29	108	121897	2018-05-19	450.00	450.00	0.00	4	2018-06-28	2018-07-03
30	123	1-200-5164	2018-05-20	63.40	63.40	0.00	3	2018-06-19	2018-06-24
31	104	P02-3772	2018-05-21	7125.34	7125.34	0.00	3	2018-06-20	2018-06-24
32	121	977486	2018-05-21	953.10	953.10	0.00	3	2018-06-20	2018-06-22
33	105	94007005	2018-05-23	220.00	220.00	0.00	3	2018-06-22	2018-06-26
34	123	963253232	2018-05-23	127.75	127.75	0.00	3	2018-06-22	2018-06-18

Limit to 1000 rows

```

1 • SELECT * FROM invoices;
2
3 • SELECT invoice_number, invoice_date, invoice_total
4 FROM invoices
5 ORDER BY invoice_total DESC;

```

invoice_number	invoice_date	invoice_total
0-2038	2018-05-28	37966.19
P-0259	2018-07-19	26881.40
0-2060	2018-07-24	23517.58
40318	2018-06-01	21842.00
P-0608	2018-07-23	20551.18
0-2436	2018-07-31	10976.06
P02-3772	2018-05-21	7125.34
509786	2018-06-18	6940.25
10843	2018-05-11	4901.26
989319-457	2018-04-08	3813.33
989319-447	2018-07-24	3689.99
989319-437	2018-06-01	2765.36
367447	2018-06-11	2433.00
989319-467	2018-07-01	2318.03
989319-497	2018-06-12	2312.20
587036	2018-06-30	2184.50
989319-477	2018-06-08	2184.11
989319-427	2018-06-16	2115.81
989319-417	2018-07-23	2051.59
97522	2018-06-28	1962.13
989319-487	2018-06-20	1927.54
77290	2018-05-13	1750.00
RTR-72-3662-K	2018-05-25	1600.00
31359783	2018-06-03	1575.00
75C-90227	2018-06-11	1367.50
Q545443	2018-06-09	1083.58
977222	2018-07-25	1000.46
977486	2018-05-21	953.10
MADO1489	2018-06-21	936.93
97553	2018-06-25	964.14
P02-8807757	2018-05-03	856.92
963253230	2018-07-07	739.20
177271-001	2018-04-26	662.00
97503	2018-05-30	639.77

Automatic context help disabled. Use the toolbar manually to get help for current caret position or toggle automatic help.

Read Only Context Help Snippets

Output

Action Output

31 16:19:08 SELECT invoice_number, invoice_date, invoice_total FROM invoices ORDER BY invoice_total DESC LIMIT 0, 1000

Message

114 row(s) returned

Duration / Fetch

0.000 sec / 0.000 sec

Query 1 3:02 create_db_ap 3:05

Limit to 1000 rows

```

2 invoice_total - payment_total - credit_total AS balance_due
3 FROM invoices;
4
5
6 SELECT invoice_id,
7        invoice_id + 7 * 3 AS multiply_first,
8        (invoice_id + 7) * 3 AS add_first
9 FROM invoices
10 ORDER BY invoice_id;

```

Result Grid

invoice_id	multiply_first	add_first
22	24	
23	27	
24	30	
25	33	
26	36	
27	39	
28	42	
29	45	
30	48	
31	51	
32	54	
33	57	
34	60	
35	63	
36	66	
37	69	
38	72	
39	75	
40	78	
41	81	
42	84	
43	87	
44	90	
45	93	
46	96	
47	99	
48	102	
49	105	
50	108	

Output

Action Output

#	Time	Action	Message
32	16:19:35	SELECT invoice_number, invoice_date, invoice_total FROM invoices ORDER BY invoice_total DESC LIMIT 0, 1000	114 row(s) returned

Query 1 3:02 create_db_ap 3:05

Limit to 1000 rows

```

1 SELECT invoice_total, payment_total, credit_total,
2        invoice_total - payment_total - credit_total AS balance_due
3 FROM invoices;
4
5
6 SELECT invoice_id,
7        invoice_id + 7 * 3 AS multiply_first,
8        (invoice_id + 7) * 3 AS add_first
9 FROM invoices
10

```

Result Grid

invoice_id	multiply_first	add_first
114	135	363
113	134	360
112	133	357
111	132	354
110	131	351
109	130	348
108	129	345
107	128	342
106	127	339
105	126	336
104	125	333
103	124	330
102	123	327
101	122	324
100	121	321
99	120	318
98	119	315
97	118	312
96	117	309
95	116	306
94	115	303
93	114	300
92	113	297
91	112	294
90	111	291
89	110	288

Output

Action Output

#	Time	Action	Message	Duration / Fetch
34	16:22:52	SELECT invoice_id, invoice_id + 7 * 3 AS multiply_first, (invoice_id + 7) * 3 AS add_first FROM invoices	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'SELECT invoice_id, invoice_id + 7 * 3 AS multiply_first, (invoice_id + 7) * 3 AS add_first FROM invoices LIMIT 0, 1000'	0.000 sec
35	16:23:00	SELECT invoice_id, invoice_id + 7 * 3 AS multiply_first, (invoice_id + 7) * 3 AS add_first FROM invoices LIMIT 0, 1000	114 row(s) returned	0.000 sec / 0.000 sec

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Query 1: create_db_ap 3:05

```
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
```

Result Grid

vendor_name	vendor_contact_last_name	vendor_contact_first_name
Distas Groom & McCormick	Aaronson	Thom
Internal Revenue Service	Aleen	Joan
US Postal Service	Alberto	Francesco
Yale Industrial Truds-Fresno	Aleiss	Alexandro
Leslie Company	Alondra	Zev
American Booksellers Assoc	Angelica	Nashalle
Courier Companies, Inc	Antavus	Troy
Pacific Gas & Electric	Anthony	Kathryn
Los Gentle's Flower Basket	Anum	Trisha
Polstar	Aranovitch	Robert
Compuserve	Armando	Jan
Data Reproductions Corp	Aroondo	Cesar
State of California	Artouna	Mercedez
Computer Library	Aryn	Leroy
Fresno Rack & Shelving Inc	Baylee	Dakota
United Parcel Service	Beauregard	Violet
Hat Assoc of College Stores	Bernard	Lucy
Baker & Taylor Books	Bernardo	Brittnee
Golden Eagle Insurance Co	Blanca	Korah
Unocal	Bluzmski	Rachael
Simon Direct Inc	Bradlee	Daniel
Gottstein General Building	Bragg	Walter
Fresno Credit Bureau	Braydon	Anne
Fresno County Tax Collector	Brenton	Kia
Nelson	Brooklyn	Keely
Federal Express Corporation	Bucket	Charlie
IGN	Cameron	Trentin
Publishers Weekly	Carrollton	Priscilla
Boucher Communications Inc	Carson	Julian
Fresno Photoengraving Com...	Chaddick	Derek

Output

#	Time	Action	Message	Duration / Fetch
35	16:23:00	SELECT invoice_id, invoice_id + 7 * 3 AS multiply_fst, (invoice_id + 7) * 3 AS add_fst FROM invoices LIMIT 0, 1000	114 row(s) returned	0.000 sec / 0.000 sec
36	16:25:40	SELECT vendor_name, vendor_contact_last_name, vendor_contact_first_name FROM vendors ORDER BY vendor_contact_last_name, vendor_cont...	122 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Query 1: create_db_ap 3:05

```
1 select CONCAT(vendor_contact_last_name, ', ', vendor_contact_first_name) as full_name
2 from vendors
3 where vendor_contact_last_name < 'D' or vendor_contact_last_name like 'ES'
4 order by vendor_contact_last_name, vendor_contact_first_name
```

Result Grid

full_name
Aaronson, Thom
Aleen, Joan
Alberto, Francesco
Aleiss, Alexandro
Alondra, Zev
Angelica, Nashalle
Antavus, Troy
Anthony, Kathryn
Anum, Trisha
Aranovitch, Robert
Armando, Jan
Aroondo, Cesar
Artouna, Mercedez
Aryn, Leroy
Baylee, Dakota
Beauregard, Violet
Bernard, Lucy
Bernardo, Brittnee
Blanca, Korah
Bluzmski, Rachael
Bradlee, Daniel
Bragg, Walter
Braydon, Anne
Brenton, Kia
Brooklyn, Keely
Bucket, Charlie
Cameron, Trentin
Carrollton, Priscilla
Carson, Julian
Chaddick, Derek

Output

#	Time	Action	Message	Duration / Fetch
36	16:25:40	SELECT vendor_name, vendor_contact_last_name, vendor_contact_first_name FROM vendors ORDER BY vendor_contact_last_name, vendor_cont...	122 row(s) returned	0.000 sec / 0.000 sec
37	16:27:32	select CONCAT(vendor_contact_last_name, ', ', vendor_contact_first_name) as full_name from vendors where vendor_contact_last_name < 'D' or vend...	41 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Query 1: 3:02 create_db_ap 3:05

```
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
```

Result Grid

Due Date	Invoice Total	10%	Plus 10%
2018-08-23	503.20	50.320000	553.520
2018-08-10	579.42	57.942000	637.362
2018-08-08	600.00	60.000000	660.000
2018-08-06	739.20	73.920000	813.120
2018-07-25	904.14	90.414000	994.554
2018-07-11	936.93	93.693000	1030.623
2018-06-29	639.77	63.977000	703.747
2018-06-24	565.15	56.515000	621.665
2018-06-20	953.10	95.310000	1048.410
2018-06-02	856.92	85.692000	942.612
2018-05-24	601.95	60.195000	662.145
2018-05-16	662.00	66.200000	728.200

Output

Action Output

#	Time	Action	Message	Duration / Fetch
37	16:27:32	select CONCAT(vendor_contact_last_name,',', vendor_contact_first_name) as full_name from vendors where vendor_contact_last_name < 'D' or vend...	41 row(s) returned	0.000 sec / 0.000 sec
38	16:29:09	SELECT invoice_due_date AS "Due Date", invoice_total AS "Invoice Total", invoice_total / 10 AS "10%", invoice_total * 1.1 AS "Plus ...	12 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Query 1: 3:02 create_db_ap 3:05

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

Result Grid

invoice_number	invoice_total	payment_credit_total	balance_due
P-0608	20551.18	1200.00	19351.18
0-2436	10976.06	0.00	10976.06
11361833	579.42	0.00	579.42
9982771	503.20	0.00	503.20
547480102	224.00	0.00	224.00

Output

Action Output

#	Time	Action	Message	Duration / Fetch
38	16:29:09	SELECT invoice_due_date AS "Due Date", invoice_total AS "Invoice Total", invoice_total / 10 AS "10%", invoice_total * 1.1 AS "Plus ...	12 row(s) returned	0.000 sec / 0.000 sec
39	16:29:40	SELECT invoice_number, invoice_total, payment_total + credit_total AS payment_credit_total, invoice_total - payment_total - credit_total A...	5 row(s) returned	0.000 sec / 0.000 sec

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Query 1 3:02 create_db_ap 3:05

```

1 SELECT Invoice_number,
2       Invoice_date,
3       Invoice_total - payment_total - credit_total AS balance_due,
4       payment_date
5 FROM Invoices
6 WHERE payment_date IS NULL

```

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

invoice_number	invoice_date	balance_due	payment_date
39104	2018-07-10	85.31	0000
96325264	2018-07-18	52.25	0000
11361813	2018-07-21	979.42	0000
263253268	2018-07-21	59.97	0000
263253270	2018-07-22	67.92	0000
263253273	2018-07-22	30.75	0000
P-0608	2018-07-23	19351.18	0000
9982771	2018-07-24	503.20	0000
134116	2018-07-28	90.36	0000
0-2436	2018-07-31	10976.06	0000
547880102	2018-08-01	224.00	0000

Output

Action Output

#	Time	Action	Message	Duration / Fetch
39	16:29:40	SELECT Invoice_number, Invoice_date, Invoice_total - payment_total - credit_total AS balance_due, payment_date FROM Invoices WHERE payment_date IS NULL	5 row(s) returned	0.000 sec / 0.000 sec
40	16:30:18	SELECT Invoice_number, Invoice_date, Invoice_total - payment_total - credit_total AS balance_due, payment_date FROM Invoices WHERE payment_date IS NULL	11 row(s) returned	0.000 sec / 0.000 sec

Query 1 3:02 create_db_ap 3:05

```

1 SELECT DATE_FORMAT(CURRENT_DATE, "%m-%d-%Y") AS "current_date"

```

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

current_date
09-20-2021

Output

Action Output

#	Time	Action	Message	Duration / Fetch
40	16:30:18	SELECT Invoice_number, Invoice_date, Invoice_total - payment_total - credit_total AS balance_due, payment_date FROM Invoices WHERE payment_date IS NULL	11 row(s) returned	0.000 sec / 0.000 sec
41	16:30:59	SELECT DATE_FORMAT(CURRENT_DATE, "%m-%d-%Y") AS "current_date" LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

