

DB LAB -9

1.

SQL File 13* x SQL File 16* SQL File 6* SQL File 6* JLDDB_Build_mysql SQL File 10 SQL File 11* SQL File 12

```

2 SELECT c.customer_id,c.email_address, c.last_name, c.first_name,
3 a1.line1 as bill_line1, a1.line2 as bill_line2, a1.city as bill_city, a1.state as bill_state,
4 a1.zip_code as bill_zip,
5 a2.line1 as ship_line1, a2.line2 as ship_line2, a2.city as ship_city, a2.state as ship_state,
6 a2.zip_code as ship_zip
7 FROM customers c
8 INNER JOIN addresses a1 ON c.billing_address_id = a1.address_id
9 inner join addresses a2 on c.shipping_address_id=a2.address_id;
10
11 • select * from customer_addresses;

```

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

	customer_id	email_address	last_name	first_name	bill_line1	bill_line2	bill_city	bill_state
▶	8	heatheresway@mac.com	Esway	Heather	291 W. Hollywood Blvd.		Los Angeles	CA
	7	gary_hernandez@yahoo.com	Hernandez	Gary	3829 Broadway Ave.	Suite 2	New York	NY
	6	frankwilson@sbcglobal.net	Wilson	Frank Lee	23 Mountain View St.		Denver	CO
	5	erinv@gmail.com	Valentino	Erin	6982 Palm Ave.		Fresno	CA
	4	david.goldstein@hotmail.com	Goldstein	David	1374 46th Ave.		San Francisco	CA
	3	christineb@solarone.com	Brown	Christine	19270 NW Cornell Rd.		Beaverton	OR
	2	barryz@gmail.com	Zimmer	Barry	16285 Wendell St.		Omaha	NE
	8	heatheresway@mac.com	Esway	Heather	291 W. Hollywood Blvd.		Los Angeles	CA
	7	gary_hernandez@yahoo.com	Hernandez	Gary	3829 Broadway Ave.	Suite 2	New York	NY
	6	frankwilson@sbcglobal.net	Wilson	Frank Lee	23 Mountain View St.		Denver	CO
	5	erinv@gmail.com	Valentino	Erin	6982 Palm Ave.		Fresno	CA
	4	david.goldstein@hotmail.com	Goldstein	David	1374 46th Ave.		San Francisco	CA
	3	christineb@solarone.com	Brown	Christine	19270 NW Cornell Rd.		Beaverton	OR

Activate Windows

2.

SQL File 13* x SQL File 16* SQL File 6* SQL File 6* JLDDB_Build_mysql

```

1 • SELECT customer_id, last_name, first_name, bill_line1
2 FROM customer_addresses
3 ORDER BY last_name, first_name;
4
5
6
7
8
9
10

```

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

	customer_id	last_name	first_name	bill_line1
	3	Brown	Christine	19270 NW Cornell Rd.
	3	Brown	Christine	19270 NW Cornell Rd.
	3	Brown	Christine	19270 NW Cornell Rd.
	3	Brown	Christine	19270 NW Cornell Rd.
	3	Brown	Christine	19270 NW Cornell Rd.
	3	Brown	Christine	19270 NW Cornell Rd.
	3	Brown	Christine	19270 NW Cornell Rd.
	3	Brown	Christine	19270 NW Cornell Rd.
	8	Esway	Heather	291 W. Hollywood Blvd.
	8	Esway	Heather	291 W. Hollywood Blvd.
	8	Esway	Heather	291 W. Hollywood Blvd.
	8	Esway	Heather	291 W. Hollywood Blvd.
	8	Esway	Heather	291 W. Hollywood Blvd.

customer_addresses2 x

3.

The screenshot shows a SQL IDE with multiple tabs. The active tab contains the following SQL code:

```

1 • UPDATE customers
2   SET shipping_address_id = (
3     SELECT address_id FROM addresses WHERE line1 = '1990 Westwood Blvd.'
4   )
5   WHERE customer_id = 8;
6
7 • select * from customers where customer_id=8;
8

```

Below the code editor is the 'Result Grid' showing the result of the query. It has columns: address, password, first_name, last_name, shipping_address_id, and billing_address_id. The first row shows data for a customer with email 'resway@mac.com' and shipping address '12'.

address	password	first_name	last_name	shipping_address_id	billing_address_id
resway@mac.com	911ddc3b8f9a13b5499b6bc4638a2b4f3f68bf23	Heather	Esway	12	12

4.

The screenshot shows a SQL IDE with multiple tabs. The active tab contains the following SQL code:

```

1 • CREATE OR REPLACE VIEW order_item_products AS
2   SELECT o.order_id, order_date, tax_amount, ship_date, item_price, discount_amount,
3     (item_price - discount_amount) AS final_price, quantity,
4     (item_price - discount_amount) * quantity AS item_total, product_name FROM orders o join
5     order_items oi ON o.order_id = oi.order_id join products p ON oi.product_id = p.product_id;
6
7 • select * from order_item_products;
8
9

```

Below the code editor is the 'Result Grid' showing the result of the query. It has columns: order_id, order_date, tax_amount, ship_date, item_price, discount_amount, final_price, quantity, and item_t. The grid contains 9 rows of data.

order_id	order_date	tax_amount	ship_date	item_price	discount_amount	final_price	quantity	item_t
1	2018-03-28 09:40:28	32.32	2018-03-30 15:32:51	1199.00	359.70	839.30	1	839.30
2	2018-03-28 11:23:20	0.00	2018-03-29 12:52:14	489.99	186.20	303.79	1	303.79
3	2018-03-29 09:44:58	89.92	2018-03-31 09:11:41	2517.00	1308.84	1208.16	1	1208.1
3	2018-03-29 09:44:58	89.92	2018-03-31 09:11:41	415.00	161.85	253.15	1	253.15
4	2018-03-30 15:22:31	0.00	2018-04-03 16:32:21	1199.00	359.70	839.30	2	1678.6
5	2018-03-31 05:43:11	0.00	2018-04-02 14:21:12	299.00	0.00	299.00	1	299.00
6	2018-03-31 18:37:22	0.00	NULL	299.00	0.00	299.00	1	299.00
7	2018-04-01 23:11:12	0.00	2018-04-03 10:21:35	699.00	209.70	489.30	1	489.30
7	2018-04-01 23:11:12	0.00	2018-04-03 10:21:35	799.99	240.00	559.99	1	559.99
7	2018-04-01 23:11:12	0.00	2018-04-03 10:21:35	699.99	210.00	489.99	1	489.99
8	2018-04-02 11:26:38	0.00	NULL	799.99	120.00	679.99	1	679.99
9	2018-04-03 12:22:31	0.00	NULL	699.00	209.70	489.30	1	489.30

5.

The screenshot shows a SQL IDE with a toolbar at the top. The SQL editor contains the following code:

```
1 • CREATE OR REPLACE VIEW product_summary AS
2   SELECT product_name, SUM(quantity) AS order_count, SUM(item_total) AS order_total
3   FROM order_item_products GROUP BY product_name;
4
5 • select * from product_summary;
6
```

Below the editor is a "Result Grid" section with a "Filter Rows" input and an "Export" button. The grid displays the following data:

product_name	order_count	order_total
Gibson Les Paul	3	2517.90
Gibson SG	1	1208.16
Rodriguez Caballero 11	1	253.15
Yamaha FG700S	1	303.79
Washburn D10S	2	598.00
Fender Stratocaster	2	978.60
Fender Precision	1	559.99
Ludwig 5-piece Drum Set with Cymbals	1	489.99
Tama 5-Piece Drum Set with Cymbals	1	679.99

6.

The screenshot shows a SQL IDE with a toolbar at the top. The SQL editor contains the following code:

```
1 • SELECT order_total FROM product_summary
2   ORDER BY order_total DESC LIMIT 5 ;
3
4
5
```

Below the editor is a "Result Grid" section with a "Filter Rows" input and an "Export" button. The grid displays the following data:

order_total
2517.90
1208.16
978.60
679.99
598.00