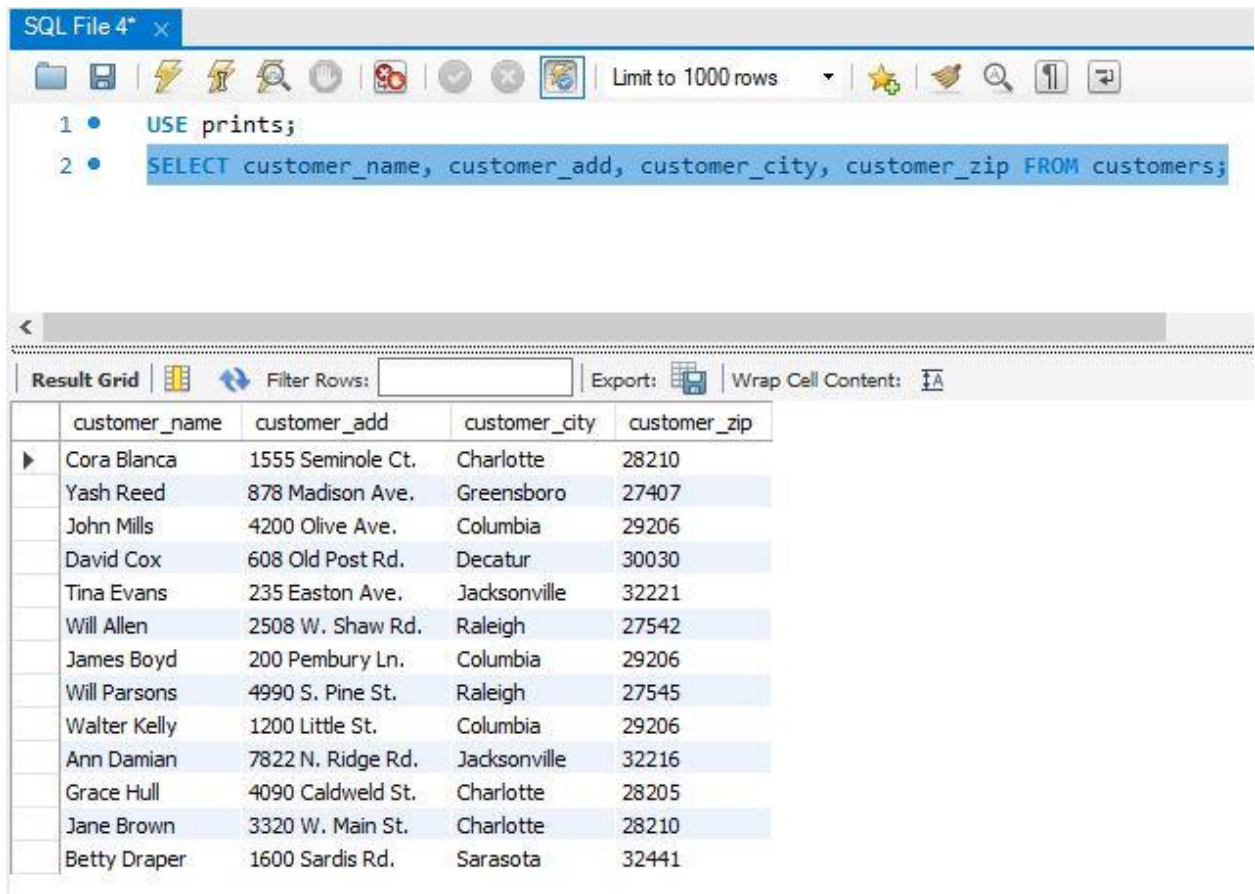


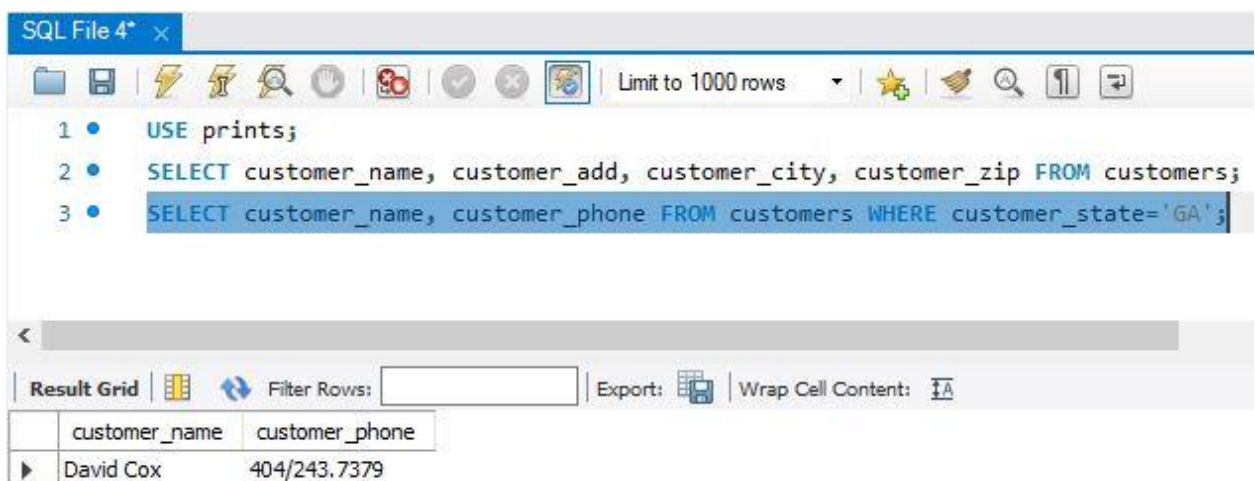
1) **SELECT** customer\_name, customer\_add, customer\_city, customer\_zip FROM customers;



The screenshot shows the SQL Developer interface with a query window titled 'SQL File 4\*'. The query contains two lines: 'USE prints;' and 'SELECT customer\_name, customer\_add, customer\_city, customer\_zip FROM customers;'. The second line is highlighted. Below the query window, the 'Result Grid' is displayed, showing 15 rows of customer data. The columns are customer\_name, customer\_add, customer\_city, and customer\_zip. The data is as follows:

	customer_name	customer_add	customer_city	customer_zip
▶	Cora Blanca	1555 Seminole Ct.	Charlotte	28210
	Yash Reed	878 Madison Ave.	Greensboro	27407
	John Mills	4200 Olive Ave.	Columbia	29206
	David Cox	608 Old Post Rd.	Decatur	30030
	Tina Evans	235 Easton Ave.	Jacksonville	32221
	Will Allen	2508 W. Shaw Rd.	Raleigh	27542
	James Boyd	200 Pembury Ln.	Columbia	29206
	Will Parsons	4990 S. Pine St.	Raleigh	27545
	Walter Kelly	1200 Little St.	Columbia	29206
	Ann Damian	7822 N. Ridge Rd.	Jacksonville	32216
	Grace Hull	4090 Caldwell St.	Charlotte	28205
	Jane Brown	3320 W. Main St.	Charlotte	28210
	Betty Draper	1600 Sardis Rd.	Sarasota	32441

2) **SELECT** customer\_name, customer\_phone FROM customers WHERE customer\_state='GA';



The screenshot shows the SQL Developer interface with a query window titled 'SQL File 4\*'. The query contains three lines: 'USE prints;', 'SELECT customer\_name, customer\_add, customer\_city, customer\_zip FROM customers;', and 'SELECT customer\_name, customer\_phone FROM customers WHERE customer\_state='GA';'. The third line is highlighted. Below the query window, the 'Result Grid' is displayed, showing 1 row of customer data. The columns are customer\_name and customer\_phone. The data is as follows:

	customer_name	customer_phone
▶	David Cox	404/243.7379

3) **SELECT customer\_name, customer\_zip FROM customers WHERE customer\_state IN ('NC', 'SC');**

The screenshot shows a SQL editor window titled "SQL File 4\*" with a toolbar and a "Limit to 1000 rows" dropdown. The query is as follows:

```

1 • USE prints;
2 • SELECT customer_name, customer_add, customer_city, customer_zip FROM customers;
3 • SELECT customer_name, customer_phone FROM customers WHERE customer_state='GA';
4 • SELECT customer_name, customer_zip FROM customers WHERE customer_state IN ('NC', 'SC');

```

The "Result Grid" shows the following data:

	customer_name	customer_zip
▶	Cora Blanca	28210
	Yash Reed	27407
	John Mills	29206
	Will Allen	27542
	James Boyd	29206
	Will Parsons	27545
	Walter Kelly	29206
	Grace Hull	28205
	Jane Brown	28210

4) **SELECT title, artist, order\_date, ship\_date FROM items, orders, orderline WHERE orders.order\_id=orderline.order\_id AND items.item\_id=orderline.item\_id;**

The screenshot shows a SQL editor window titled "SQL File 4\*" with a toolbar and a "Limit to 1000 rows" dropdown. The query is as follows:

```

2 • SELECT customer_name, customer_add, customer_city, customer_zip FROM customers;
3 • SELECT customer_name, customer_phone FROM customers WHERE customer_state='GA';
4 • SELECT customer_name, customer_zip FROM customers WHERE customer_state IN ('NC', 'SC');
5 • SELECT title, artist, order_date, ship_date FROM items, orders, orderline WHERE orders.order_id=orderline.order_id AND items.item_id=orderline.item_id;
6 • SELECT * FROM items ORDER BY unit_price ASC;

```

The "Result Grid" shows the following data:

	title	artist	order_date	ship_date
▶	The Seas and Moon	Susan Beeler	2013-10-23	2013-10-28
	Rainbow Row	Judy Ford	2013-10-23	2013-10-28
	Skies Above	Alexander Wilson	2013-10-30	2013-11-03
	Happy Days	Andrea Reid	2013-10-30	2013-11-03
	Greek Isles	Benjamin Caudle	2013-11-09	2013-11-14
	Dark Lady	Keith Morris	2013-11-15	2013-11-20
	Under the Sun	Donald Arley	2013-11-15	2013-11-20
	Greek Isles	Benjamin Caudle	2013-11-15	2013-11-20
	The Hunt	Walter Alford	2013-11-15	2013-11-20
	The Seas and Moon	Susan Beeler	2013-12-15	2013-12-19
	Happy Days	Andrea Reid	2013-12-18	2013-12-22
	Rainbow Row	Judy Ford	2013-12-18	2013-12-22
	Under the Sun	Donald Arley	2013-12-20	2013-12-22
	Under the Sun	Donald Arley	2014-01-18	2014-01-23
	The Hunt	Walter Alford	2014-01-31	2014-02-04
	Rainbow Row	Judy Ford	2014-01-31	2014-02-04
	Dark Lady	Keith Morris	2014-01-31	2014-02-04
	Skies Above	Alexander Wilson	2014-02-01	2014-02-06
	Happy Days	Andrea Reid	2014-02-27	2014-03-02
	Skies Above	Alexander Wilson	2014-02-27	2014-03-02
	Dark Lady	Keith Morris	2014-03-10	2014-03-15
	Rainbow Row	Judy Ford	2014-03-10	2014-03-15

The Hunt	Walter Alford	2014-03-10	2014-03-15
Skies Above	Alexander Wilson	2014-03-14	2014-03-19
Dark Lady	Keith Morris	2014-03-14	2014-03-19
The Seas and Moon	Susan Beeler	2014-03-14	2014-03-19
The Hunt	Walter Alford	2014-03-14	2014-03-19

5) **SELECT \* FROM items ORDER BY unit\_price ASC;**

SQL File 4\* x SQL File 6\*

Limit to 1000 rows

```
1 • USE prints;
2 • SELECT customer_name, customer_add, customer_city, customer_zip FROM customers;
3 • SELECT customer_name, customer_phone FROM customers WHERE customer_state='GA';
4 • SELECT customer_name, customer_zip FROM customers WHERE customer_state IN ('NC', 'SC');
5 ✖ SELECT title FROM items WHERE ;
6 • SELECT * FROM items ORDER BY unit_price ASC;
```

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

	item_id	Title	artist	unit_price	on_hand
▶	450	The Hunt	Walter Alford	39.99	390
	600	Rainbow Row	Judy Ford	46.00	350
	100	Under the Sun	Donald Arley	46.80	340
	800	The Seas and Moon	Susan Beeler	67.81	235
	850	Greek Isles	Benjamin Caudle	76.00	300
	300	Happy Days	Andrea Reid	78.00	210
	700	Skies Above	Alexander Wilson	98.00	275
	350	Top of the Mountain	Janice Jones	110.00	290
	200	Dark Lady	Keith Morris	120.99	250
	400	Streets from Old	Sharon Brune	123.00	320

6) **SELECT \* FROM items WHERE unit\_price > 100;**

SQL File 4\* x SQL File 6\*

Limit to 1000 rows

```
2 • SELECT customer_name, customer_add, customer_city, customer_zip FROM customers;
3 • SELECT customer_name, customer_phone FROM customers WHERE customer_state='GA';
4 • SELECT customer_name, customer_zip FROM customers WHERE customer_state IN ('NC', 'SC');
5 ✖ SELECT title FROM items WHERE ;
6 • SELECT * FROM items ORDER BY unit_price ASC;
7 • SELECT * FROM items WHERE unit_price > 100;
```

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

	item_id	Title	artist	unit_price	on_hand
▶	200	Dark Lady	Keith Morris	120.99	250
	350	Top of the Mountain	Janice Jones	110.00	290
	400	Streets from Old	Sharon Brune	123.00	320



7) **SELECT \* FROM items WHERE on\_hand > 300;**

SQL File 4\* x

Limit to 1000 rows

```

3 • SELECT customer_name, customer_phone FROM customers WHERE customer_state='GA';
4 • SELECT customer_name, customer_zip FROM customers WHERE customer_state IN ('NC', 'SC');
5 ✖ SELECT title FROM items WHERE ;
6 • SELECT * FROM items ORDER BY unit_price ASC;
7 • SELECT * FROM items WHERE unit_price > 100;
8 • SELECT * FROM items WHERE on_hand > 300;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	item_id	Title	artist	unit_price	on_hand
▶	100	Under the Sun	Donald Arley	46.80	340
	400	Streets from Old	Sharon Brune	123.00	320
	450	The Hunt	Walter Alford	39.99	390
	600	Rainbow Row	Judy Ford	46.00	350

8) **SELECT title, unit\_price, (unit\_price\*2) AS retail\_price FROM items;**

SQL File 4\* x

Limit to 1000 rows

```

4 • SELECT customer_name, customer_zip FROM customers WHERE customer_state IN ('NC', 'SC');
5 ✖ SELECT title FROM items WHERE ;
6 • SELECT * FROM items ORDER BY unit_price ASC;
7 • SELECT * FROM items WHERE unit_price > 100;
8 • SELECT * FROM items WHERE on_hand > 300;
9 • SELECT title, unit_price, (unit_price*2) AS retail_price FROM items;

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	title	unit_price	retail_price
▶	Under the Sun	46.80	93.60
	Dark Lady	120.99	241.98
	Happy Days	78.00	156.00
	Top of the Mountain	110.00	220.00
	Streets from Old	123.00	246.00
	The Hunt	39.99	79.98
	Rainbow Row	46.00	92.00
	Skies Above	98.00	196.00
	The Seas and Moon	67.81	135.62
	Greek Isles	76.00	152.00

9) **SELECT customer\_name, customer\_phone FROM customers c LEFT OUTER JOIN orders o ON c.customer\_id=o.order\_id WHERE o.order\_date LIKE '2014%';**

SQL File 4\* x

Limit to 1000 rows

```

5 • SELECT title, artist, order_date, ship_date FROM items, orders, orderline WHERE orders.order_id=orderline.order_id AND items.item_id=orderline.item_id;
6 • SELECT * FROM items ORDER BY unit_price ASC;
7 • SELECT * FROM items WHERE unit_price > 100;
8 • SELECT * FROM items WHERE on_hand > 300;
9 • SELECT title, unit_price, (unit_price*2) AS retail_price FROM items;
10 • SELECT customer_name, customer_phone FROM customers c LEFT OUTER JOIN orders o ON c.customer_id=o.order_id WHERE o.order_date LIKE '2014%';

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	customer_name	customer_phone
▶	Cora Blanca	704/552-1810
	Yash Reed	336/316-5434
	Tina Evans	904/992-7234
	Tina Evans	904/992-7234
	Will Allen	919/809-2545
	Betty Draper	918/941-9121

10) **SELECT artist, SUM(order\_qty) FROM items, orderline WHERE items.item\_id = orderline.item\_id GROUP BY artist;**

SQL File 4\* x

Limit to 1000 rows

```

5 SELECT title, artist, order_date, ship_date FROM items, orders, orderline WHERE orders.order_id=orderline.order_id AND :
6 SELECT * FROM items ORDER BY unit_price ASC;
7 SELECT * FROM items WHERE unit_price > 100;
8 SELECT * FROM items WHERE on_hand > 300;
9 SELECT title, unit_price, (unit_price*2) AS retail_price FROM items;
10 SELECT customer_name, customer_phone FROM customers c LEFT OUTER JOIN orders o ON c.customer_id=o.customer_id WHERE o.or
11 SELECT artist, SUM(order_qty) FROM items, orderline WHERE items.item_id = orderline.item_id GROUP BY artist;
12 SELECT title FROM items WHERE unit price BETWEEN 40 AND 100;

```

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

artist	SUM(order_qty)
Susan Beeler	8
Judy Ford	21
Alexander Wilson	17
Andrea Reid	7
Benjamin Caudle	2
Keith Morris	16
Donald Arley	5
Walter Alford	13

11) **SELECT title FROM items WHERE unit\_price BETWEEN 40 AND 100;**

SQL File 4\* x

Limit to 1000 rows

```

7 SELECT * FROM items WHERE unit_price > 100;
8 SELECT * FROM items WHERE on_hand > 300;
9 SELECT title, unit_price, (unit_price*2) AS retail_price FROM items;
10 SELECT customer_name, customer_phone FROM customers WHERE ;
11 SELECT artist FROM items WHERE ;
12 SELECT title FROM items WHERE unit_price BETWEEN 40 AND 100;

```

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

title
Under the Sun
Happy Days
Rainbow Row
Skies Above
The Seas and Moon
Greek Isles

12) **SELECT customer\_name, title, artist, SUM(order\_qty) FROM customers LEFT OUTER JOIN orders ON customers.customer\_id=orders.customer\_id JOIN orderline ON orders.order\_id=orderline.order\_id JOIN items ON orderline.item\_id=items.item\_id GROUP BY customers.customer\_name;**

SQL File 4\*

```

7 • SELECT * FROM items WHERE unit_price > 100;
8 • SELECT * FROM items WHERE on_hand > 300;
9 • SELECT title, unit_price, (unit_price*2) AS retail_price FROM items;
10 • SELECT customer_name, customer_phone FROM customers c LEFT OUTER JOIN orders o ON c.customer_id=o.customer_id WHERE o.order_date LIKE '2014%';
11 • SELECT artist, SUM(order_qty) FROM items, orderline WHERE items.item_id = orderline.item_id GROUP BY artist;
12 • SELECT title FROM items WHERE unit_price BETWEEN 40 AND 100;
13 • SELECT customer_name, title, artist, SUM(order_qty) FROM customers LEFT OUTER JOIN orders ON customers.customer_id=orders.customer_id JOIN orderline

```

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

	customer_name	title	artist	SUM(order_qty)
▶	Cora Blanca	Under the Sun	Donald Arley	3
	Yash Reed	Dark Lady	Keith Morris	16
	John Mills	The Seas and Moon	Susan Beeler	3
	Tina Evans	Happy Days	Andrea Reid	27
	Will Allen	Skies Above	Alexander Wilson	8
	James Boyd	The Hunt	Walter Alford	2
	Ann Damian	The Seas and Moon	Susan Beeler	2
	Jane Brown	Dark Lady	Keith Morris	6
	Betty Draper	Happy Days	Andrea Reid	22

Result Grid | Form Editor | Field Types

13) **SELECT customer\_name, SUM(unit\_price\*2\*order\_qty) AS total\_revenue FROM customers JOIN orders ON customers.customer\_id=orders.customer\_id JOIN orderline ON orders.order\_id=orderline.order\_id JOIN items ON orderline.item\_id=items.item\_id GROUP BY customer\_name;**

SQL File 4\*

```

9 • SELECT title, unit_price, (unit_price*2) AS retail_price FROM items;
10 • SELECT customer_name, customer_phone FROM customers c LEFT OUTER JOIN orders o ON c.customer_id=o.customer_id WHERE o.order_date LIKE '2014%';
11 • SELECT artist, SUM(order_qty) FROM items, orderline WHERE items.item_id = orderline.item_id GROUP BY artist;
12 • SELECT title FROM items WHERE unit_price BETWEEN 40 AND 100;
13 • SELECT customer_name, title, artist, SUM(order_qty) FROM customers LEFT OUTER JOIN orders ON customers.customer_id=orders.customer_id JOIN orderline
14 • SELECT customer_name, SUM(unit_price*2*order_qty) AS total_revenue FROM customers JOIN orders ON customers.customer_id=orders.customer_id JOIN order
15 • SELECT customer_state, COUNT(*) FROM customers GROUP BY customer_state;

```

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

	customer_name	total_revenue
▶	Cora Blanca	280.80
	Yash Reed	1723.88
	John Mills	363.24
	Tina Evans	4974.32
	Will Allen	1444.00
	James Boyd	173.58
	Ann Damian	271.24
	Jane Brown	1213.52
	Betty Draper	2679.80

Result Grid | Form Editor | Field Types

14) `SELECT customer_state, COUNT(*) FROM customers GROUP BY customer_state;`

SQL File 4\* x

Limit to 1000 rows

```
9 • SELECT title, unit_price, (unit_price*2) AS retail_price FROM items;
10 ✖ SELECT customer_name, customer_phone FROM customers WHERE ;
11 ✖ SELECT artist FROM items WHERE ;
12 • SELECT title FROM items WHERE unit_price BETWEEN 40 AND 100;
13 ✖ SELECT customer_name, title, artist, order_qty FROM customers WHERE ;
14 ✖ SELECT customer_name, (unit_price*2*order_qty) AS total_revenue FROM ;
15 • SELECT customer_state, COUNT(*) FROM customers GROUP BY customer_state;
```

<

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [IA](#)

	customer_state	COUNT(*)
▶	NC	6
	SC	3
	GA	1
	FL	3