

1.

The screenshot shows the Oracle Live SQL interface. On the left, there's a sidebar with options like Home, SQL Worksheet (which is selected), My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled "SQL Worksheet". A SQL query is displayed:

```
1 v select p.pub_id, count(b.book_name) bookname
2   from publish p
3   join book b on b.pub_id = p.pub_id
4   group by p.pub_id
5   order by pub_id
```

Below the query, the results are shown in a table:

PUB_ID	BOOKNAME
P1111	6
P2222	10
P3333	5

At the bottom of the results area, there's a "Download CSV" button and a note saying "3 rows selected." The footer of the page includes copyright information: "2024 Oracle · Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 · Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

2.

This screenshot is similar to the first one, showing the Oracle Live SQL interface. The sidebar and "SQL Worksheet" tab are visible. A different SQL query is run:

```
1 v select sum(d.qty*b.price) total_sale
2   from detail d
3   join book b on b.book_id = d.book_id
4   join order_head o on o.order_no = d.order_no
5   join sale s on s.sale_no = o.sale_no
6   where s.sale_name = 'Prapan Kaewkar'
7   |
```

The results are displayed in a table:

TOTAL_SALE
38095

A "Download CSV" button is present at the bottom. The footer of the page is identical to the first one: "2024 Oracle · Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 · Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

3.

The screenshot shows the Oracle Live SQL interface. On the left, there's a sidebar with options like Home, SQL Worksheet (which is selected), My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled "SQL Worksheet" and contains the following SQL code:

```

1 v select s.sale_no,s.sale_name
2   from sale s
3   join order_head o on s.sale_no = o.sale_no
4   group by s.sale_no , s.sale_name
5   having count(o.order_no) > 2
6   order by sale_no

```

Below the code, a table displays the results:

SALE_NO	SALE_NAME
11111	Somchai Saetae
22222	Prapan Kaewkar

A "Download CSV" button is present below the table. The status bar at the bottom indicates "2 rows selected."

At the bottom right of the interface, it says "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 · Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

4.

This screenshot is similar to the previous one but shows a different SQL query and results. The sidebar and interface layout are identical. The SQL code in the worksheet is:

```

1 v select s.sale_no, s.sale_name
2   from sale s
3   join order_head o on s.sale_no = o.sale_no
4   where o.order_date <= '20-Jan-03' or o.order_date >= '23-Jan-03'
5   group by s.sale_no, s.sale_name
6   order by s.sale_no

```

The resulting table shows more rows:

SALE_NO	SALE_NAME
11111	Somchai Saetae
22222	Prapan Kaewkar
33333	Onanong Pinkaet
44444	Tipayada Muangsuk
55555	Lakana Srisai

The status bar at the bottom remains the same: "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 · Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

5.

The screenshot shows the Oracle Live SQL interface. On the left, there's a sidebar with options like Home, SQL Worksheet (which is selected), My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled "SQL Worksheet". A SQL query is displayed:

```

1 v select c.cust_no,c.cust_name,c.address
2 from customer c
3 join order_head o on c.cust_no = o.cust_no
4 join detail d on o.order_no = d.order_no
5 join book b on b.book_id = d.book_id
6 where b.author = 'Udom Taepanitch'
7 group by c.cust_no,c.cust_name,c.address
8 order by c.cust_no

```

Below the query, the results are shown in a table:

CUST_NO	CUST_NAME	ADDRESS
40001	Somchai Amuaychai	Bangkok
40005	Nattakan Wongsri	Nontaburi
40006	Maliza Nuanpeng	Bangkok

[Download CSV](#)

3 rows selected.

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6.

The screenshot shows the Oracle Live SQL interface. The sidebar and main area are identical to the previous screenshot, with the "SQL Worksheet" tab selected. A different SQL query is displayed:

```

1 v select s.sale_no, s.sale_name, s.salary
2 from sale s
3 join order_head o on o.sale_no = s.sale_no
4 join detail d on o.order_no = d.order_no
5 join book b on b.book_id = d.book_id
6 group by s.sale_no, s.sale_name, s.salary
7 having SUM(d.qty*b.price) > 20000
8 order by s.sale_no

```

Below the query, the results are shown in a table:

SALE_NO	SALE_NAME	SALARY
11111	Somchai Saetae	8500
22222	Prapan Kaewkar	6700
44444	Tipayada Muangsuk	12000

[Download CSV](#)

3 rows selected.

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7.

The screenshot shows a browser window with three tabs: "SQL Worksheet", "Project database", and "Project 10.3 - Google Sheets". The "SQL Worksheet" tab is active, displaying a query and its results. The query is:

```

1 v select o.order_date, sum(d.qty)
2   from order_head o
3   join detail d on d.order_no = o.order_no
4   group by o.order_date
5   order by order_date

```

The results are displayed in a table:

ORDER_DATE	SUM(D.QTY)
20-JAN-03	75
21-JAN-03	97
22-JAN-03	45
23-JAN-03	82
24-JAN-03	231
25-JAN-03	163

At the bottom of the worksheet, there is a footer with copyright information: "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

8.

The screenshot shows a browser window with three tabs: "SQL Worksheet", "Project database", and "Project 10.3 - Google Sheets". The "SQL Worksheet" tab is active, displaying a query and its results. The query is:

```

1 v select c.cust_no,c.cust_name,c.address
2   from customer c
3   left join order_head o on o.cust_no = c.cust_no
4   and o.order_date between '22-jan-03' and '25-jan-03'
5   where o.order_no is null
6   group by c.cust_no,c.cust_name,c.address
7   order by c.cust_no

```

The results are displayed in a table:

CUST_NO	CUST_NAME	ADDRESS
40002	Ausa Wandee	Nontaburi
40003	Kukiat Kompol	Bangkok
40004	Prasert Intan	Patumtani
40010	Lakana Lertsuk	Bangkok

Below the table, there is a button labeled "Download CSV". At the bottom of the worksheet, there is a footer with copyright information: "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

9.

The screenshot shows a browser window with three tabs: "SQL Worksheet", "Project database", and "Project 10.3 - Google Sheets". The "SQL Worksheet" tab is active, displaying a query in the "SQL Worksheet" pane:

```

1 v select o.order_date
2   from order_head o
3   join detail d on o.order_no = d.order_no
4   join book b on b.book_id = d.book_id
5   group by o.order_date
6   having sum(d.qty*b.price) > 30000

```

The results pane shows a table with one column "ORDER_DATE" containing two rows: "24-JAN-03" and "25-JAN-03". Below the table is a "Download CSV" button. The status bar at the bottom indicates "2 rows selected."

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10.

The screenshot shows a browser window with three tabs: "SQL Worksheet", "Project database", and "Project 10.3 - Google Sheets". The "SQL Worksheet" tab is active, displaying a query in the "SQL Worksheet" pane:

```

1 v select o.order_no, o.order_date, o.tran_date
2   from order_head o
3   join detail d on d.order_no = o.order_no
4   join book b on b.book_id = d.book_id
5   where b.book_name = 'Cooking'
6   group by o.order_no, o.order_date, o.tran_date
7   order by o.order_no

```

The results pane shows a table with three columns: "ORDER_NO", "ORDER_DATE", and "TRAN_DATE". The data is as follows:

ORDER_NO	ORDER_DATE	TRAN_DATE
100001	20-JAN-03	25-JAN-03
100003	21-JAN-03	26-JAN-03
100007	24-JAN-03	31-JAN-03
100010	24-JAN-03	02-FEB-03
100011	25-JAN-03	29-JAN-03

Below the table is a "Download CSV" button. The status bar at the bottom indicates "2024 Oracle · Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 · Database Documentation · Ask Tom · Dev Gym
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11.

The screenshot shows the Oracle Live SQL interface. On the left, there's a sidebar with options like Home, SQL Worksheet (which is selected), My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled "SQL Worksheet". A SQL code editor contains the following query:

```

1 v select b.book_id, b.book_name, b.price
2   from book b
3  join detail d on d.book_id = b.book_id
4  group by b.book_id, b.book_name, b.price
5  order by sum(d.qty*b.price) desc
6 fetch first 1 row only
7

```

Below the code, the results are displayed in a table:

BOOK_ID	BOOK_NAME	PRICE
20010	Travel World	120

At the bottom of the results area, there's a "Download CSV" button. The footer of the interface includes the text "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

12.

The screenshot shows the Oracle Live SQL interface. The sidebar and main area are identical to the previous screenshot, with the "SQL Worksheet" tab selected. The SQL code editor contains the following query:

```

1 v select c.cust_no, sum(d.qty*b.price) total_pay, sum(d.qty*b.price*c.discount/100) dis_count,
2       sum(d.qty*b.price) - sum(d.qty*b.price*c.discount/100) pay
3   from customer c
4  join order_head o on o.cust_no = c.cust_no
5  join detail d on d.order_no = o.order_no
6  join book b on b.book_id = d.book_id
7 group by c.cust_no
8 order by c.cust_no

```

Below the code, the results are displayed in a table:

CUST_NO	TOTAL_PAY	DIS_COUNT	PAY
40001	38010	1900.5	36109.5
40002	4600	253	4347
40003	7300	438	6862
40005	5300	212	5088
40006	12360	988.8	11371.2
40007	26195	785.85	25409.15

The footer of the interface includes the text "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

13.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```

1 v select sum(d.qty*b.price) total
2 from detail d
3 join book b on b.book_id = d.book_id
4 join order_head o on o.order_no = d.order_no
5 where o.order_date between '22-jan-03' and '24-jan-03'

```

The results pane displays a single row with the label "TOTAL" and the value "52070". A "Download CSV" button is visible at the bottom of the results pane.

At the bottom of the interface, the footer reads: "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation · Ask Tom · Dev Gym" and "Built with ❤️ using Oracle APEX · Privacy · Terms of Use".

14.

The screenshot shows the Oracle Live SQL interface. The SQL Worksheet contains the following query:

```

1 v select b.book_id, b.book_name, b.author,b.price,d.qty
2 from book b
3 join detail d on d.book_id = b.book_id
4 join order_head o on o.order_no = d.order_no
5 join customer c on c.cust_no = o.cust_no
6 where c.cust_name = 'Ausa Wandee'

```

The results pane displays a table with the following data:

BOOK_ID	BOOK_NAME	AUTHOR	PRICE	QTY
10010	Cooking	Jarae Sukjai	80	22
20010	Travel World	Srisamorn	120	13
50060	Computer Review	Prapart Nuan	160	8

Below the table, it says "3 rows selected." The footer is identical to the previous screenshot: "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 - Database Documentation · Ask Tom · Dev Gym" and "Built with ❤️ using Oracle APEX · Privacy · Terms of Use".

15.

The screenshot shows the Oracle Live SQL interface. On the left, there's a sidebar with navigation links: Home, SQL Worksheet (which is selected), My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled "SQL Worksheet". A SQL code editor contains the following query:

```

1 v select sale_no,sale_name,salary
2   from sale
3   group by sale_no,sale_name,salary
4   order by salary desc
5   fetch first 1 row only
6

```

Below the code, the results are displayed in a table:

SALE_NO	SALE_NAME	SALARY
44444	Tipayada Muangsuk	12000

At the bottom of the results area, there's a "Download CSV" button. The footer of the page includes copyright information: "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 · Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

16.

This screenshot shows the same Live SQL interface as the previous one, but with a different SQL query in the worksheet:

```

1 v select b.book_id,b.book_name,b.price
2   from book b
3   join detail d on d.book_id = b.book_id
4   join order_head o on o.order_no = d.order_no
5   where order_date = '22-jan-03'
6   group by b.book_id,b.book_name,b.price
7   order by b.book_id

```

The results table shows the following data:

BOOK_ID	BOOK_NAME	PRICE
30020	Nude Book	100
40030	Windows XP	130
60050	Harry Plotter 1	345
60080	DreamWeaver MX	375
70010	Authorware 6.5	295

The footer information is identical to the previous screenshot: "2024 Oracle - Live SQL 24.1.3, running Oracle Database 19c EE Extreme Perf - 19.17.0.0.0 · Database Documentation · Ask Tom · Dev Gym" and "Built with ❤ using Oracle APEX · Privacy · Terms of Use".

17.

The screenshot shows the Oracle Live SQL interface. On the left, there's a sidebar with options like Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled "SQL Worksheet" and contains the following SQL code:

```
1 v select cust_no,cust_name,address,discount
2   from customer
3 where address = (
4       select address
5         from customer
6       where cust_name = 'Somchai Amuaychai'
7   )
8 and discount > 5
```

Below the code, a table displays the results:

CUST_NO	CUST_NAME	ADDRESS	DISCOUNT
40003	Kukiat Kompol	Bangkok	6
40006	Maliza Nuanpeng	Bangkok	8
40010	Lakana Lertsuk	Bangkok	9.5

At the bottom, there's a "Download CSV" button and a message: "3 rows selected."

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18.

The screenshot shows the Oracle Live SQL interface. The sidebar is identical to the previous one. The main area is titled "SQL Worksheet" and contains the following SQL code:

```
1 v select b.book_id,b.book_name,b.author,b.price
2   from book b
3   join detail d on d.book_id = b.book_id
4   group by b.book_id,b.book_name,b.autho,r,b.price
5   having sum(d.qty) > 60
6   order by b.book_id
```

Below the code, a table displays the results:

BOOK_ID	BOOK_NAME	AUTHOR	PRICE
20010	Travel World	Srisamorn	120
30010	Sleeping	Jarae Sukjai	150
40030	Windows XP	Udom Taepanitch	130

At the bottom, there's a "Download CSV" button and a message: "3 rows selected."

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