

1. Display the total commission of each salesman based on the orders.

The screenshot shows the Navicat Premium interface with a query window titled "1. Display the total commission of each salesman based on the orders. @ordering_system (hrpis) - Query - Navicat Premium". The query is as follows:

```
1 SELECT
2 CONCAT(salesman.first_name, ' ', salesman.last_name, ' ', salesman.city) as 'Full Name',
3 sum(orders.purchase_amount) * salesman.commission as 'Total Commission'
4 FROM
5 salesman
6 INNER JOIN orders ON orders.salesman_id = salesman.salesman_id
7 GROUP BY orders.salesman_id;
```

The results are displayed in a table titled "salesman @ordering_system (hrpis) - Table". The table has the following columns: salesman_id, first_name, last_name, city, and commission. The results are as follows:

salesman_id	first_name	last_name	city	commission
1	Constance	Antonescu	New York	0.15
2	Federica	Critchley	London	0.13
3	Enrichetta	Remmer	London	0.11
4	Bell	Wyvill	Manila	0.02
5	Tiertza	Harwin	Manila	0.01
6	Cosette	Diggell	Manila	0.15
7	Dita	Elisom	Moscow	0.15
8	Keley	Cradoc	California	0.15
9	Daisy	McLagan	Baguio	0.15
10	Janka	Tamburi	Paris	0.15
11	Ethel	MacGillavery	Paris	0.15
12	Lilian	Bushell	Tokyo	0.15
13	Carey	Kenneway	Tokyo	0.15
14	Vivianna	Dickering	New York	0.15
15	Emili	Goundrill	Paris	0.15
16	Marrissa	Upshall	New York	0.15
17	Merrilee	Leyre	New York	0.15
18	Livvie	Girtin	New York	0.15
19	Anallise	Jozsef	New York	0.15
20	Hildagard	Le Provest	New York	0.15

The results are also displayed in a table titled "orders @ordering_system (hrpis) - Table". The table has the following columns: order_id, purchase_amount, order_date, customer_id, and salesman_id. The results are as follows:

order_id	purchase_amount	order_date	customer_id	salesman_id
1	150.50	2022-12-03	1	1
2	120.32	2023-02-13	2	2
3	32.50	2023-10-16	3	3
4	210.40	2023-08-27	4	4
5	3123.45	2023-01-01	5	5
6	31204.00	2023-10-09	6	6
7	2130.32	2022-11-08	7	7
8	1233.03	2023-01-15	8	8
9	1233.04	2022-12-04	9	9
10	1230.03	2023-04-08	10	10
11	3213.03	2023-08-27	11	11
12	123.04	2023-06-10	12	12
13	321.03	2023-02-11	13	13
14	3210.32	2023-09-20	14	14
15	321.32	2023-06-10	15	15
16	42.32	2023-10-03	16	16
17	32.92	2023-05-18	17	17
18	413.20	2023-07-25	18	18
19	321.43	2023-10-13	19	19
20	31241.32	2023-02-10	20	20

2. Display the highest purchase amount in each month.

The screenshot shows the Navicat Premium interface with a query window titled "2. Display the highest purchase amount in each month. @ordering_system (hrpis) - Query - Navicat Premium". The query is as follows:

```
1 -- 2. Display the highest purchase amount in each month.
2
3 SELECT
4 monthname(orders.order_date),
5 max(purchase_amount) as 'highest purchase amount'
6 FROM
7 orders
8 -- where orders.order_date like '2023-10%'
9 group by month(order_date)
10 order by month(order_date)
```

* 2. Display the highest purchase amount in each month. @ordering_system (hrpis) - Query - Navicat Premium

File Edit View Query Format Favorites Tools Window Help

Connection New Query Table View Function Event User Query Report

hrpis

Objects * 2. Display the highest purchas...

Save Query Builder Beautify SQL Code Snippet Text Export R

hrpis ordering_system Run Selected Stop

```

1 -- 2. Display the highest purchase amount in each month.
2
3 SELECT
4   orders.order_date,
5   max(purchase_amount) as 'highest purchase amount'
6 FROM
7   orders
8 -- where orders.order_date like '2023-10%'
9 group by month(order_date)
10 order by month(order_date)

```

Message Result 1 Profile Status

order_date	highest purchase amount
2023-01-01	3123.45
2023-02-13	31241.32
2023-04-08	1230.03
2023-05-18	32.92
2023-06-10	321.32
2023-07-25	413.20
2023-08-27	3213.03
2023-09-20	3210.32
2023-10-16	31204.00
2022-11-08	2130.32
2022-12-03	1233.04

Message Result 1 Profile Status

```

1 select * from orders
2 order by month(order_date)

```

order_id	purchase_amount	order_date	customer_id	salesman_id
8	1233.03	2023-01-15	8	3
5	3123.45	2023-01-01	5	2
20	31241.32	2023-02-10	20	20
2	120.32	2023-02-13	2	3
13	321.03	2023-02-11	13	7
10	1230.03	2023-04-08	10	10
17	32.92	2023-05-18	17	17
12	123.04	2023-06-10	12	11
15	321.32	2023-06-10	15	15
18	413.20	2023-07-25	18	18
11	3213.03	2023-08-27	11	10
4	210.40	2023-08-27	4	2
14	3210.32	2023-09-20	14	18
6	31204.00	2023-10-09	6	2
16	42.32	2023-10-03	16	16
3	32.50	2023-10-16	3	3
19	321.43	2023-10-13	19	19
7	2130.32	2022-11-08	7	2
9	1233.04	2022-12-04	9	4
1	150.50	2022-12-03	1	1

-- 2. Display the highest purchase amount in each month. SELECT orders.order_date, max(purchase_amount) as 'highest purchase amount' from orders group by month(order_date) order by month(order_date)

3. Display the salesman who have assisted more than one order

File Edit View Query Format Favorites Tools Window Help

Connection New Query Table View Function Event User Query Report Backup Automation Model

hrpis

Objects * 3. Display the salesman who have assisted more than one order. grouping and having by @orde...

Save Query Builder Beautify SQL Code Snippet Text Export Result

hrpis ordering_system Run Stop Explain

```

1 SELECT
2   CONCAT(salesman.first_name, ' ', salesman.last_name, ' ', salesman.city) as 'Salesman Full Name',
3   count(orders.salesman_id) as 'Sales'
4 FROM salesman
5 INNER JOIN orders ON orders.salesman_id = salesman.salesman_id
6 GROUP BY orders.salesman_id
7 having count(orders.salesman_id) > 1

```

Message Result 1 Profile Status

Salesman Full Name	Sales
Federica Critchley London	4
Enrichetta Remmer London	3
Janka Tamburi Paris	2
Livvie Girtin New York	2

salesman @ordering_system (hrpis) - Table

salesman_id	first_name	last_name	city	commission
1	Constance	Antonescu	New York	0.15
2	Federica	Critchley	London	0.13
3	Enrichetta	Remmer	London	0.11
4	Bell	Wyvill	Manila	0.02
5	Tiertza	Harwin	Manila	0.01
6	Cosette	Diggell	Manila	0.15
7	Dita	Elisom	Moscow	0.15
8	Kelcy	Cradoc	California	0.15
9	Daisy	McLagan	Baguio	0.15
10	Janka	Tamburi	Paris	0.15
11	Ethel	MacGillavery	Paris	0.15
12	Lillian	Bushell	Tokyo	0.15
13	Carey	Kenneway	Tokyo	0.15
14	Viviana	Dickierline	New York	0.15
15	Emili	Goundrill	Paris	0.15
16	Marrissa	Upshall	New York	0.15
17	Merrie	Leyre	New York	0.15
18	Livvie	Girtin	New York	0.15
19	Anallise	Jozsef	New York	0.15
20	Hildagard	Le Provost	New York	0.15

orders @ordering_system (hrpis) - Table

order_id	purchase_amount	order_date	customer_id	salesman_id
1	150.50	2022-12-03	1	1
2	120.32	2023-02-13	2	3
3	32.50	2023-10-16	3	3
4	210.40	2023-08-27	4	2
5	3123.45	2023-01-01	5	2
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8	1233.03	2023-01-15	8	3
9	1233.04	2022-12-04	9	4
10	1230.03	2023-04-08	10	10
11	3213.03	2023-08-27	11	10
12	123.04	2023-06-10	12	11
13	321.03	2023-02-11	13	7
14	3210.32	2023-09-20	14	18
15	321.32	2023-06-10	15	15
16	42.32	2023-10-03	16	16
17	32.92	2023-05-18	17	17
18	413.20	2023-07-25	18	18
19	321.43	2023-10-13	19	19
20	31241.32	2023-02-10	20	20

SELECT CONCAT(salesman.first_name, ' ', salesman.last_name, ' ', salesman.city) as 'Salesman Full Name', count(orders.salesman_id) as 'Sales' FROM salesman INNER JOIN orders ON orders.salesman_id = salesman.salesman_id GROUP BY orders.salesman_id having count(orders.salesman_id) > 1

4. Display the name of the customers assisted by each of the salesman.

4. Display the name of the customers assisted by each of the salesman. @ordering_system (hrpis) - Query - Navicat Premium

```

1 SELECT
2   CONCAT(salesman.first_name, ' ', salesman.last_name) as 'Salesman Full Name',
3   CONCAT(customers.first_name, ' ', customers.last_name) as 'Customer Full Name'
4 FROM orders
5 INNER JOIN salesman ON salesman.salesman_id = orders.salesman_id
6 INNER JOIN customers ON customers.customer_id = orders.customer_id
7 GROUP BY customers.customer_id

```

Salesman Full Name	Customer Full Name
Constance Antonescu	Merwin Willgress
Enrichetta Remmer	Zane Spyer
Enrichetta Remmer	Gianna Macauley
Federica Critchley	Terrell Mapplebeck
Federica Critchley	Pierette Parish
Federica Critchley	Nellie Gainsborough
Federica Critchley	Sharla Kopfen
Enrichetta Remmer	Reeba Tollerfield
Bell Wyvill	Cosette McKinnon
Janka Tamburi	Janelia Arton
Janka Tamburi	Anatola McAlinison
Ethel MacGillavery	Abel McFetrich
Dita Ellsom	Tremayne Bagnal
Livvie Girtin	Ardella Haward
Emili Goundrill	Ardella Rubencyk
Marrissa Upshall	Carroll McCarrison
Merrilee Leyre	Hyacintha Stansell
Livvie Girtin	Adelind Leon
Anallise Jozsef	Fabiano Andreia
Hildagard Le Provost	Angil Jellett

SELECT CONCAT(salesman.first_name,' ',salesman.last_name) as 'Salesman Full Name', CONCAT(customers.first_name,' ',customers.last_name) as 'Customer Full Name' FROM orders

5. Display salesman who have the highest total commission based on the orders.

5. Display salesman who have the highest total commission based on the orders. @ordering_system (hrpis) - Query - Navicat Premium

```

1 SELECT
2   CONCAT(salesman.first_name, ' ', salesman.last_name, ' ', salesman.city) AS 'Full Name',
3   SUM(orders.purchase_amount) * salesman.commission AS 'total_commission'
4 FROM
5   salesman
6 INNER JOIN
7   orders ON orders.salesman_id = salesman.salesman_id
8 GROUP BY
9   salesman.salesman_id
10 ORDER BY
11   total_commission DESC
12 LIMIT 1;

```

Full Name	total_commission
Federica Critchley London	4766.8621

1. Display the total commission of each salesman based on the orders. @ordering_system (hrpis) - Query - Navicat Premium

```

1 SELECT
2   CONCAT(salesman.first_name, ' ', salesman.last_name, ' ', salesman.city) AS 'Full Name',
3   SUM(orders.purchase_amount) * salesman.commission AS 'Total Commission'
4 FROM
5   salesman
6 INNER JOIN
7   orders ON orders.salesman_id = salesman.salesman_id
8 GROUP BY
9   salesman.salesman_id
10 ORDER BY
11   Total Commission DESC
12 LIMIT 10;

```

Full Name	Total Commission
Constance Antonescu New York	22.5750
Federica Critchley London	4766.8621
Enrichetta Remmer London	152.4435
Bell Wyvill Manila	24.6608
Dita Ellsom Moscow	48.1545
Janka Tamburi Paris	666.4590
Ethel MacGillavery Paris	18.4560
Emili Goundrill Paris	48.1980
Marrissa Upshall New York	6.3480
Merrilee Leyre New York	4.9380
Livvie Girtin New York	543.5280
Anallise Jozsef New York	48.2145
Hildagard Le Provost New York	4686.1980

1. Display the total commission of each salesman based on the orders.
2. Display the highest purchase amount in each month.
3. Display the salesman who have assisted more than one order
4. Display the name of the customers assisted by each of the salesman.
5. Display salesman who have the highest total commission based on the orders.



```
1 SELECT
2   CONCAT( salesman.first_name, ' ', salesman.last_name, ' ', salesman.city ) AS 'Full Name',
3   sum( orders.purchase_amount ) * salesman.commission AS 'Total Commission'
4 FROM
5   salesman
6   INNER JOIN orders ON orders.salesman_id = salesman.salesman_id
7 GROUP BY
8   orders.salesman_id;
```



```
1  SELECT
2    monthname( orders.order_date ),
3    max( purchase_amount ) AS 'highest purchase amount'
4  FROM
5    orders
6  GROUP BY
7    MONTH ( order_date )
8  ORDER BY
9    MONTH ( order_date )
```



```
1  SELECT
2    CONCAT( salesman.first_name, ' ', salesman.last_name, ' ', salesman.city ) AS 'Salesman Full Name',
3    count( orders.salesman_id ) AS 'Sales'
4  FROM
5    salesman
6    INNER JOIN orders ON orders.salesman_id = salesman.salesman_id
7  GROUP BY
8    orders.salesman_id
9  HAVING
10   count( orders.salesman_id ) > 1
```



```
1  SELECT
2      CONCAT( salesman.first_name, ' ', salesman.last_name ) AS 'Salesman Full Name',
3      CONCAT( customers.first_name, ' ', customers.last_name ) AS 'Customer Full Name'
4  FROM
5      orders
6      INNER JOIN salesman ON salesman.salesman_id = orders.salesman_id
7      INNER JOIN customers ON customers.customer_id = orders.customer_id
8  GROUP BY
9      customers.customer_id
```



```
1  SELECT
2      CONCAT(salesman.first_name, ' ', salesman.last_name, ' ', salesman.city) AS 'Full Name',
3      SUM(orders.purchase_amount) * salesman.commission AS 'total_commission'
4  FROM
5      salesman
6  INNER JOIN
7      orders ON orders.salesman_id = salesman.salesman_id
8  GROUP BY
9      salesman.salesman_id
10 ORDER BY
11     total_commission DESC
12 LIMIT 1;
13
```