

Test

Test: [Altres consultes simples sobre Miniwind](#)  
Database: miniwind

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Question 1

Obté l'identificador, el codi de producte i el nom del producte, dels productes el preu de venda dels quals sigui menys d'un 30% superior al preu de cost.

Solution

```
SELECT id, product_code, product_name
FROM products
WHERE list_price < 1.3 * standard_cost;
```

MATCH

```
SELECT p.id, p.product_code, p.product_name
FROM products p
WHERE p.list_price < 1.3 * p.standard_cost
```

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ROWS\_NUMBER

```
SELECT p.id, p.product_code, p.product_name
FROM products p
WHERE (p.list_price * 1.3) < p.standard_cost
```

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HINT

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ROWS\_NUMBER

```
SELECT p.id, p.product_code, p.product_name
FROM products p
WHERE p.standard_cost <= p.list_price * 1.3
```

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ROWS\_NUMBER

```
SELECT p.id, p.product_code, p.product_name
FROM products p
WHERE p.list_price <= p.standard_cost * 1.3
```

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Question 2

Obté l'identificador, el nom, i el cognom, de tots els clients que tenen el nom o el cognom acabat en 'e', però no els dos. Ordena els resultats pel cognom.

Solution

```
SELECT id, first_name, last_name
FROM customers
WHERE (first_name LIKE '%e' AND last_name NOT LIKE '%e')
OR (first_name NOT LIKE '%e' AND last_name LIKE '%e')
ORDER BY last_name;
```

MATCH

```
SELECT c.id, c.first_name, c.last_name
FROM customers c
WHERE (c.last_name LIKE "%e" XOR c.first_name LIKE "%e")
ORDER BY c.last_name
```

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ROWS\_NUMBER

```
SELECT c.id, c.first_name, c.last_name
FROM customers c
WHERE c.last_name LIKE "%e" AND c.first_name NOT LIKE "%e"
ORDER BY c.last_name
```

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Question 3

Mostra, sense repeticions i ordenats de menor a major, els identificadors dels productes que ens han demanat a les comandes i l'estat de la línia de comanda és facturat

Solution

```
SELECT DISTINCT product_id
FROM order_details
WHERE status_id = 2
ORDER BY product_id;
```

MATCH

```
SELECT DISTINCT od.product_id
FROM order_details od
WHERE od.status_id LIKE "2"
ORDER BY od.product_id
```

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ORDER

```
SELECT DISTINCT od.product_id
FROM order_details od
WHERE od.status_id LIKE "2"
```

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ORDER

```
SELECT DISTINCT od.product_id
FROM order_details od
WHERE od.status_id LIKE "2"
```

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Question 4

Mostra l'identificador del client i l'identificador de les comandes que ja hem enviat, però encara no ens han pagat.

Solution

```
SELECT customer_id, id
FROM orders
WHERE shipped_date IS NOT NULL
AND paid_date IS NULL;
```

MATCH

```
SELECT o.customer_id, o.id
FROM orders o
WHERE o.shipped_date IS NOT NULL AND o.paid_date IS NULL
```

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NO\_MATCH

```
SELECT o.customer_id, o.employee_id
FROM orders o
WHERE o.shipped_date IS NOT NULL AND o.paid_date IS NULL
```

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Question 5

Obté l'identificador i el nom dels productes pels quals la quantitat en stock per sota de la qual s'ha de fer una comanda al proveïdor (**reorder\_level**) no coincideix amb la quantitat mínima que s'ha de demanar (**minimum\_reorder\_quantity**). Tingues en compte que si només un dels dos camps val null s'ha de considerar com que no coincideixen.

Solution

```
SELECT id, product_name
FROM products
WHERE reorder_level != minimum_reorder_quantity
OR (reorder_level IS NULL AND minimum_reorder_quantity IS NOT NULL)
OR (reorder_level IS NOT NULL AND minimum_reorder_quantity IS NULL);
```

MATCH

```
SELECT p.id, p.product_name
FROM products p
WHERE p.reorder_level NOT LIKE p.minimum_reorder_quantity OR p.minimum_reorder_quantity IS NULL
```

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ROWS\_NUMBER

```
SELECT p.id, p.product_name
FROM products p
WHERE p.reorder_level NOT LIKE p.minimum_reorder_quantity
```

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Question 6

Mostra, sense repeticions, el codi dels empleats que eren els responsables de les comandes que hem trigat més de 2 dies en enviar ordenats de major a menor codi d'empleat.

Solution

```
SELECT DISTINCT employee_id
FROM orders
WHERE DATEDIFF(shipped_date, order_date) > 2
ORDER BY employee_id DESC;
```

MATCH

```
SELECT DISTINCT o.employee_id
FROM orders o
WHERE DATEDIFF(o.shipped_date, o.order_date) > 2
ORDER BY o.employee_id DESC
```

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ORDER

```
SELECT DISTINCT o.employee_id
FROM orders o
WHERE DATEDIFF(o.shipped_date, o.order_date) > 2
ORDER BY o.employee_id
```

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Question 7

Visualitza el codi i la data en què s'ha demanat de les comandes que encara no hem enviat o de les que sí hem enviat ja però encara no hem cobrat. S'han de mostrar ordenades de més antiga a més nova i si són del mateix dia a més a més per codi de comanda.

Solution

```
SELECT id , order_date
FROM orders
WHERE shipped_date IS NULL
OR (shipped_date IS NOT NULL AND paid_date IS NULL)
ORDER BY order_date, id;
```

MATCH

```
SELECT DISTINCT o.id, o.order_date
FROM orders o
WHERE o.shipped_date IS NULL OR o.paid_date IS NULL
ORDER BY o.order_date, o.id
```

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