```
cnl@cnl-System-Product-Name:~$ sudo mysql
[sudo] пароль до cnl:
Вибачте, повторіть спробу.
[sudo] пароль до cnl:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 15
Server version: 8.0.34 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| QA119              |
| dentest            |
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
6 rows in set (0,00 sec)

mysql> use QA119;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> show tables;
+-----------------+
| Tables_in_QA119 |
+-----------------+
| Fridge          |
| Hobbies         |
| Orders          |
| Persons         |
| Shopping_List   |
+-----------------+
5 rows in set (0,00 sec)

mysql> select * from Shopping_List;
+----+--------------+-------+----------+
| ID | Product_Name | Price | Quantity |
+----+--------------+-------+----------+
|  1 | Milk         |    30 |        2 |
|  2 | Apple        |    20 |        3 |
|  3 | Water        |    40 |        2 |
|  4 | Bread        |    10 |        3 |
|  5 | Butter       |    70 |        1 |
|  6 | Oil          |    80 |        2 |
|  7 | Ketchup      |    15 |        2 |
|  8 | Tomato       |    17 |        3 |
|  9 | Potato       |    13 |        4 |
| 10 | Sugar        |     9 |        2 |
+----+--------------+-------+----------+
10 rows in set (0,00 sec)

mysql> select * from Orders;
+----------+------------+--------+------------+----------+
| Order_ID | Product_ID | ItemID | Date       | Quantity |
+----------+------------+--------+------------+----------+
|        1 |          1 |   NULL | 2024-10-20 |        3 |
|        2 |          2 |   NULL | 2024-10-19 |        2 |
|        3 |          3 |   NULL | 2024-10-20 |        5 |
|        4 |          4 |   NULL | 2024-10-20 |        1 |
|        5 |          5 |   NULL | 2024-10-18 |        2 |
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|         6 |          6 |   NULL | 2024-10-19 |         4 |
|         7 |          7 |   NULL | 2024-10-20 |         7 |
|         8 |          8 |   NULL | 2024-10-19 |         1 |
|         9 |          9 |   NULL | 2024-10-19 |         3 |
|        10 |         10 |   NULL | 2024-10-19 |         1 |
|        11 |       NULL |      1 | 2024-10-19 |         2 |
|        12 |       NULL |      2 | 2024-10-19 |         4 |
|        13 |       NULL |      3 | 2024-10-19 |         5 |
|        14 |       NULL |      4 | 2024-10-20 |         8 |
|        15 |       NULL |      5 | 2024-10-19 |         3 |
+-----------+------------+--------+------------+-----------+
15 rows in set (0,00 sec)

mysql> select * from Fridge;
+--------+------------+--------------+----------+-----------------+
| ItemID | Product_ID | Product_Name | Quantity | Expiration_Date |
+--------+------------+--------------+----------+-----------------+
|      1 |         11 | Beet         |        3 | 2024-10-10      |
|      2 |         12 | Cookie       |        1 | 2024-10-10      |
|      3 |         13 | Pie          |        1 | 2024-10-10      |
|      4 |         14 | Pepsi        |        1 | 2024-10-13      |
|      5 |         15 | Salt         |        2 | 2024-10-14      |
|      6 |          6 | Oil          |        2 | 2024-10-15      |
|      7 |          7 | Ketchup      |        2 | 2024-10-16      |
|      8 |          8 | Tomato       |        3 | 2024-10-17      |
|      9 |          9 | Potato       |        4 | 2024-11-20      |
|     10 |         10 | Sugar        |        2 | 2024-11-20      |
+--------+------------+--------------+----------+-----------------+
10 rows in set (0,00 sec)

mysql> select Orders.Order_ID, Shopping_List.Product_Name as Products_from_Shopping_List,
Fridge.Expiration_Date from Orders join Shopping_List on Orders.Product_ID = Shopping_List.ID join Fridge on
Orders.Product_ID = Fridge.Product_ID
where Fridge.Expiration_Date < '2024-10-21';
+----------+-----------------------------+-----------------+
| Order_ID | Products_from_Shopping_List | Expiration_Date |
+----------+-----------------------------+-----------------+
|        6 | Oil                         | 2024-10-15      |
|        7 | Ketchup                     | 2024-10-16      |
|        8 | Tomato                      | 2024-10-17      |
+----------+-----------------------------+-----------------+
3 rows in set (0,00 sec)

mysql>
```