

1. Відобрази інформацію з таблиці Shopping_List (створеної раніше) про найдорожчий і найдешевший продукт. Виконай запит за допомогою команди SELECT.

2. Вирахуй середню вартість продуктів.

File Edit View Query Database Server Tools Scripting Help

Query 1 x SQL File 3* fridge

Limit to 1000 rows

```
1 • use Lesson_21;
2 • SELECT * FROM shopping_list;
3 • SELECT max(Price) as LargestPrice FROM Shopping_List;
4 • SELECT AVG(Price) FROM Shopping_List;
5 • SELECT SUM(Quantity) FROM Shopping_List;
```

Result Grid

	LargestPrice
▶	90

Administration Schemas

Information

Table: fridge

Columns:

Item_ID	int
Product_ID	int
Product_Name	varchar(255)
Quantity	varchar(255)
Expiration_Date	date

Object Info Session

Result 30 x

Output

Action Output

#	Time	Action
✓ 28	16:59:50	SELECT max(Price) as SmallestPrice FROM Shopping_List LIMIT 0, 1000
✓ 29	17:00:39	SELECT max(Price) as LargestPrice FROM Shopping_List LIMIT 0, 1000

Navigator

SCHEMAS

Filter objects

lesson_21

- Tables
 - fridge
 - shopping_list
- Views
- Stored Procedures
- Functions

sakila

sys

world

Administration Schemas

Information

Table: **fridge**

Columns:

Item_ID	int
Product_ID	int
Product_Name	varchar(255)
Quantity	varchar(255)
Expiration_Date	date

Query 1 x SQL File 3* fridge

Limit to 1000 rows

```
1 • use Lesson_21;
2 • SELECT * FROM shopping_list;
3 • SELECT min(Price) as SmallestPrice FROM Shopping_List;
4 • SELECT AVG(Price) FROM Shopping_List;
5 • SELECT SUM(Quantity) FROM Shopping_List;
```

Result Grid

SmallestPrice
100

Result 31 x

Output

Action Output

#	Time	Action
✓ 29	17:00:39	SELECT max(Price) as LargestPrice FROM Shopping_List LIMIT 0, 1000
✓ 30	17:01:13	SELECT min(Price) as SmallestPrice FROM Shopping_List LIMIT 0, 1000

The screenshot displays a database management tool interface. On the left, the 'Navigator' pane shows a tree view of schemas, with 'lesson_21' expanded to show tables 'fridge' and 'shopping_list'. The 'Information' pane at the bottom left shows the structure of the 'fridge' table.

The main area shows a SQL query in 'Query 1':

```

1 • use Lesson_21;
2 • SELECT * FROM shopping_list;
3 • SELECT max(Price), min(Price) FROM Shopping_List;
4 • SELECT AVG(Price) FROM Shopping_List;

```

Below the query, the 'Result Grid' shows the output of the fourth query:

AVG(Price)
130.9090909090909

The 'Information' pane at the bottom left shows the structure of the 'fridge' table:

Table: fridge

Columns:

Column Name	Data Type
Item_ID	int
Product_ID	int
Product_Name	varchar
Quantity	varchar
Expiration_Date	date

The 'Output' pane at the bottom right shows the execution log:

#	Time	Action
3	14:25:17	SELECT max(Price), min(Price) FROM Shopping_List LIMIT 0, 1000
4	14:27:00	SELECT AVG(Price) FROM Shopping_List LIMIT 0, 1000

3. У створеній для минулого заняття таблиці "Fridge" відобрази інформацію про:

- кількість продуктів в холодильнику;
- кількість продуктів в списку покупок (з таблиці Shopping_List);
- загальну кількість всіх продуктів, що є в таблиці Fridge.

Navigator

SCHEMAS

Filter objects

▼ lesson_21

- ▼ Tables
 - fridge
 - shopping_list
- Views
- Stored Procedures
- Functions

▶ sakila

▶ sys

▶ world

Administration Schemas

Information

Table: fridge

Columns:

- Item_ID int
- Product_ID int
- Product_Name varchar(255)
- Quantity varchar(255)
- Expiration_Date date

Object Info Session

Query 1 SQL File 3*

Limit to 1000 rows

1 • use Lesson_21;

2 • SELECT * FROM Fridge;

3 • SELECT SUM(Quantity) FROM Fridge;

Result Grid

Filter Rows:

Export: Wrap Cell Content:

SUM(Quantity)
▶ 246.5

Result 2

Output

Action Output

#	Time	Action
✓ 6	14:33:20	SELECT * FROM Fridge LIMIT 0, 1000
✓ 7	14:36:08	SELECT SUM(Quantity) FROM Fridge LIMIT 0, 1000

Navigator

SCHEMAS

Filter objects

- lesson_21
 - Tables
 - fridge
 - shopping_list
 - Views
 - Stored Procedures
 - Functions
- sakila
- sys
- world

Administration Schemas

Information

Table: fridge

Columns:

Item_ID	int
Product_ID	int
Product_Name	varchar(255)
Quantity	varchar(255)
Expiration_Date	date

Query 1 x SQL File 3*

```

1 • use Lesson_21;
2 • SELECT * FROM shopping_list;
3 • SELECT max(Price), min(Price) FROM Shopping_List;
4 • SELECT AVG(Price) FROM Shopping_List;
5 • SELECT SUM(Quantity) FROM Shopping_List;

```

Result Grid

SUM(Quantity)
43

Result 27 x

Output

Action Output

#	Time	Action
8	14:36:56	SELECT * FROM shopping_list LIMIT 0, 1000
9	14:37:19	SELECT SUM(Quantity) FROM Shopping_List LIMIT 0, 1000

4. Відобрази інформацію про кількість продуктів та їхні назви (обери колонки з таблиці Fridge). Результат згрупуй за терміном придатності.

