```sql
SELECT title
FROM book
WHERE (publish_year <= 2012 OR publish_year >= 2017) AND number_of_pages > 240
```

```sql
SELECT name
FROM dish
WHERE calories > 280 AND calories < 300
```

```sql
SELECT *
FROM pupil
WHERE city = 'Kyiv' OR city = 'Irpin' OR city = 'Brovary'
```

```sql
SELECT *
FROM pupil
WHERE city NOT IN ('Kyiv', 'Irpin')
```

```sql
SELECT first_name, last_name, birth_date, city
FROM pupil
WHERE birth_date NOT BETWEEN '2005-08-28' AND '2007-06-12'
```

```sql
SELECT *
FROM book
WHERE title NOT LIKE 'F%'
```

```sql
SELECT first_name, last_name, birth_date, city
FROM pupil
WHERE first_name IN ('Eugen', 'Anna', 'Volodymyr')
```

```sql
SELECT *
FROM dish
WHERE price IN (90, 95, 125)
```

```sql
SELECT DISTINCT position
FROM staff
WHERE salary > 12000
ORDER BY position
```

```sql
SELECT first_name, last_name, birth_date
FROM staff
WHERE date_of_dismissal IS NOT null
ORDER BY birth_date DESC
LIMIT 1
```

```sql
SELECT id AS dish_id, name AS dish_name, price AS dish_price
FROM dish
ORDER BY price DESC
LIMIT 3
```

```sql
SELECT COUNT(*) AS number_of_subjects
FROM subject
WHERE name LIKE 'E%'
```

```sql
SELECT COUNT(*) AS number_of_staff
FROM staff
WHERE date_of_dismissal IS NULL AND position = 'teacher' AND salary >= 9000
```

```sql
SELECT COUNT(*) AS number_of_books
FROM book
WHERE publish_year BETWEEN 2012 AND 2017
```

```
SELECT SUM(price) AS total_price
FROM dish
WHERE name LIKE 'C%'
```

```
SELECT AVG(salary) AS average_salary
FROM staff
WHERE date_of_hiring > '2015-01-01'
```

```
SELECT MAX(salary) AS max_salary
FROM staff
WHERE date_of_dismissal IS NULL and position = 'teacher'
```

```
SELECT publish_year AS year, SUM(number_of_pages) AS number_of_pages
FROM book
WHERE publish_year BETWEEN 2011 AND 2015
GROUP BY publish_year
ORDER BY publish_year DESC
```

```
SELECT first_name, COUNT(first_name) AS number_of_pupils
FROM pupil
GROUP BY first_name
ORDER BY first_name
```

```
SELECT name AS department_name, first_name, last_name
FROM department
RIGHT JOIN employee
ON department.id = employee.department_id
```

```
SELECT name AS department_name, first_name, last_name
FROM department
LEFT JOIN employee
ON department.id = employee.department_id
```

```
SELECT subject, year, AVG(mark) AS average_mark
FROM pupil
INNER JOIN scoreboard
ON pupil.id = scoreboard.pupil_id
WHERE birth_date > '2005-01-01'
GROUP BY subject, year
ORDER BY subject, year DESC
```

```
SELECT name AS department_name, AVG(salary) AS average_salary, COUNT(first_name) AS number_of_employees
FROM department
INNER JOIN employee
ON department.id = employee.department_id
GROUP BY name
```

```
SELECT CONCAT(first_name, ' ', last_name, ':', ' ', subject, ' ', '-', ' ', AVG(mark)) AS pupil_mark
FROM pupil
INNER JOIN scoreboard
ON pupil.id = scoreboard.pupil_id
WHERE pupil.id = 3
GROUP BY subject
```

```
SELECT first_name, last_name, EXTRACT(DAY FROM date_of_dismissal) AS day, EXTRACT(MONTH FROM date_of_dismissal) AS month, EXTRACT(year FROM date_of_dismissal) AS year
FROM staff
WHERE date_of_dismissal IS NOT NULL
```

```
SELECT CONCAT(product.name, ' ', '-', ' ', product.amount, ' ', 'units') AS product_information
FROM category
INNER JOIN product
ON category.id = product.category_id
WHERE category.name = 'Beverages'
```

```
SELECT department.name AS department_name, SUM(salary) AS amount_of_money
FROM department
INNER JOIN employee
ON department.id = employee.department_id
GROUP BY department_name
HAVING COUNT(department_name) > 3
ORDER BY amount_of_money DESC
```

```
SELECT category.name AS category_name, MAX(price) AS max_price
FROM category
INNER JOIN product
ON category.id = product.category_id
GROUP BY category_name
HAVING COUNT(category_name) >= 3
ORDER BY max_price
```

```
SELECT subject, AVG(mark) AS average_mark
FROM pupil
INNER JOIN scoreboard
ON pupil.id = scoreboard.pupil_id
WHERE pupil.id = 1
GROUP BY subject
HAVING average_mark >= 10
```