
--Comparison Operators

```
SELECT * FROM actor
WHERE first_name = 'Penelope';
```

```
SELECT * FROM customer
WHERE store_id = 1;
```

```
SELECT * FROM payment
WHERE staff_id <> 2;
```

```
SELECT * FROM film
WHERE length >= 100;
```

--Logical Operators

```
SELECT * FROM film
WHERE length > 100
      AND rental_duration < 5;
```

```
SELECT * FROM address
WHERE district = 'Adana'
      AND city_id = 5;
```

```
SELECT * FROM payment
WHERE staff_id = 2
      OR amount > 5;
```

```
SELECT * FROM employees
WHERE department_id = 1
      OR salary < 3000
```

```
SELECT * FROM employees
WHERE job_id = 9
      AND salary > 5000;
```

--BETWEEN Operator

```
SELECT * FROM film
WHERE length BETWEEN 100 AND 120;
```

```
SELECT * FROM employees
WHERE salary BETWEEN 5000 AND 10000;
```

```
SELECT * FROM employees
WHERE hire_date BETWEEN '2017-01-01' and '2017-12-31'
ORDER BY hire_date;
```

```
SELECT * FROM employees
WHERE first_name BETWEEN 'A' and 'E'
ORDER BY first_name;
```

--IN Operator

```
SELECT first_name, last_name
FROM customer
WHERE first_name IN ('Leslie', 'Kelly', 'Tracy');
```

```
SELECT *
FROM film
WHERE rating IN ('R', 'G')
```

```
SELECT *
FROM address
WHERE district IN ('Texas', 'Nantou', 'Moskova');
```

```
SELECT * FROM customer
WHERE address_id IN (10, 20, 30);
```

```
SELECT * FROM customer
WHERE address_id = 10
      OR address_id = 20
      OR address_id = 30
```

--LIKE Operator

```
SELECT first_name, last_name
FROM customer
WHERE first_name LIKE 'Ann%';
```

```
SELECT *
FROM customer
WHERE first_name LIKE 'B%';
```

```
SELECT * FROM film
WHERE title LIKE '%r';
```

```
SELECT * FROM film
WHERE title LIKE '%u_';
```

```
SELECT * FROM film
WHERE title LIKE '%s%';
```

```
SELECT * FROM film
WHERE title LIKE '%a%v%';
```

--ILIKE Operator

```
SELECT first_name, last_name
FROM customer
WHERE first_name ILIKE 'CAR%';
```

--NOT Operator

```
SELECT * FROM employees
WHERE manager_id NOT IN (100, 108, 114)
```

```
SELECT * FROM employees
WHERE first_name NOT LIKE 'A%'
```

--IS NULL Operator

```
SELECT * FROM employees
WHERE phone_number IS NULL;
```

```
SELECT * FROM employees
WHERE phone_number IS NOT NULL;
```

--LIMIT Clause

```
SELECT * FROM actor
ORDER BY first_name, last_name
LIMIT 5;
```

```
SELECT film_id, title
FROM film
ORDER BY film_id
LIMIT 8 OFFSET 4;
```

--FETCH Clause

```
SELECT film_id, title
FROM film
ORDER BY title
FETCH FIRST ROW ONLY;
```

```
SELECT film_id, title
FROM film
ORDER BY title
FETCH FIRST 1 ROW ONLY;
```

```
SELECT film_id, title
FROM film
ORDER BY title
OFFSET 5 ROWS
FETCH FIRST 6 ROW ONLY;
```

```
SELECT film_id, title
FROM film
ORDER BY title
LIMIT 6 OFFSET 5;
```

--EXERCISE ANSWERS

--Between Operator

```
SELECT * FROM staff
WHERE '2022-05-01' BETWEEN hire_date AND departure_date
```

--LIKE Operator

```
SELECT first_name, last_name
FROM customer
WHERE first_name LIKE '_her%';
```

--NOT Operator

```
SELECT first_name, last_name, salary, job_id
FROM employees
WHERE
    NOT salary BETWEEN 4000 and 7000
    AND NOT job_id = 16
```