

Queries On Operators

1. Query first name, last name, salary of employees whose salary is greater than 60000 and their first name should not end with 'n' or ends with 'm'

```
SELECT
    first_name, last_name, salary
FROM
    employee
WHERE
    salary > 60000
AND
    (first_name NOT LIKE '%n' OR first_name LIKE '%m');
```

Output:

first_name	last_name	salary
kelly	davis	78000
tom	taylor	84200
mike	whalen	98200
ram	kumar	64200

2. Query first name, dept id, salary of employees whose dept id is either 20 or 40 or 80 and half yearly salary is greater than 500000

```
SELECT
    first_name, dept_id , salary
FROM
    employee
WHERE
    dept_id IN (20, 40, 80)
AND
```

```
(salary *6) > 50000;
```

Output:

first_name	dept_id	salary
anjel	40	42200
ram	40	64200
kelly	80	78000
andy	80	42200

Whenever you are trying to fetch the values that matches either of the values you can make use of **IN/OR operator**

3. Query first name, last name, dept id, hire date of employees whose first name do not end with n and is hired in the year 2021 and has dept id in the range 20 AND 70

```
SELECT
    first_name, last_name, dept_id ,hire_date
FROM
    employee
WHERE
    first_name NOT LIKE '%n'
AND
    hire_date LIKE '2021%'
AND
    dept_id between 20 AND 70;
```

Output:

firs_name	last_name	dept_id	hire_date
mike	whalen	50	2021-06-30

4. Query the details of employees who earns in the range of 50000 AND 80000 OR has dept id 20 or 40

```
SELECT
    first_name, salary, dept_id
FROM
    employee
WHERE
    salary BETWEEN 50000 AND 80000
OR
    dept_id IN (20,40);
```

Output:

first_name	salary	dept_id
kelly	78000	80
anjel	42200	40
ram	64200	40
rohan	84200	20
john	124200	20

5. Query the first name AND last name as full name of all employees whose salary is greater than 40000 but less than 90000 and first name starting with r and ending with n with mail id not null

```
SELECT
    first_name||last_name as fullname
FROM
    employee
WHERE
```

```
        salary  
BETWEEN 40000 AND 90000  
AND  
        first_name LIKE 'r%n'  
AND  
        email IS NOT null;
```

Output:

fullname
rohansharma