Relational Operators

```
CREATE TABLE employees (
    id INT PRIMARY KEY NOT NULL AUTO_INCREMENT,
    name VARCHAR(50) NOT NULL,
    department VARCHAR(50) NOT NULL,
    designation VARCHAR(50) NOT NULL DEFAULT 'IT Employee',
    salary INT NOT NULL
    );
```

```
INSERT INTO employees (name, department, designation, salary) VALUES ('Souvik', 'Cyber Security', 'Cyber Security Analyst', 35000), ('Sourav', 'Cyber Security', 'Cyber Security Analyst', 45000), ('Soumodip', 'Software Development', 'Full Stack Developer', 45000),('Sayak', 'Software Development', 'Full Stack Developer', 35000), ('Sumit', 'Software Development', 'Full Stack Developer', 30000), ('Sumanindya', 'Video and Graphics', 'Graphics Designer', 40000), ('Debojyoti', 'Video and Graphics', 'Graphics Designer', 35000), ('Sibani', 'Sales', 'Sales team lead', 30000), ('Champak', 'Digital Marketing', 'Digital Marketing Team lead', 35000), ('Satarupa', 'Digital Marketing', 'Content Writer', 35000), ('Sovik', 'Leader', 'CTO', 75000), ('Sarthak', 'Digital Marketing', 'Manager', 55000);
```

Relational Operators

=	Equals to
>	Greater than
<	Less than
>=	Greater than or equals to
<=	Less than or equals to
!=	Not equals to

Find employees whose salary is more than 40000

```
SELECT * FROM employees WHERE salary > 40000;
```

Find employees whose salary is less than 40000

```
SELECT * FROM employees WHERE salary < 40000;
```

Find employees whose salary is less than or equal 30000

```
SELECT * FROM employees WHERE salary <= 30000;
```

Find employees whose salary is greater than or equal 35000

```
SELECT * FROM employees WHERE salary >= 35000;
```

Find employees whose salary is not equal to 45000

```
SELECT * FROM employees WHERE salary != 45000;
```

Logical Operators

AND

Condition1 AND Condition2

When both the conditions are true

Find employees whose salary is greater than 45000 and department is Cyber Security

```
SELECT * FROM employees WHERE salary >=45000 AND department='Cyber Security';
```

OR

Condition1 OR Condition2

When either of the condition is true

Find employees whose salary is greater than 30000 OR department is Software Development.

```
SELECT * FROM employees WHERE salary >=30000 OR department='Software
Development';

SELECT * FROM employees WHERE salary <=30000 OR salary >=35000 OR salary =65000;
```

IN & NOT IN

Find employees from Digital Marketing, Software Development, Sales department.

```
SELECT * FROM employees WHERE department IN('Sales', 'Digital Marketing', 'Software
Development');
SELECT * FROM employees WHERE department NOT IN('Sales', 'Digital Marketing', 'Software
Development');
```

BETWEEN

Find employees whose salary is more han 40000 and less than 65000

```
SELECT * FROM employees WHERE salary BETWEEN 40000 AND 65000;
```