

## SQL Intern task-3

Name : Swetha R

Mobile number : 6380459779

Email : [rswetha2807@gmail.com](mailto:rswetha2807@gmail.com)

### Task 3 : Writing Basic SELECT Queries

```
CREATE TABLE employees (  
    Emp_id INTEGER PRIMARY KEY,  
    name VARCHAR(50),  
    department VARCHAR(50),  
    Salary REAL,  
    hire_date DATE  
);
```

#### 1. Select \* and Specific Columns

Select all columns

```
SELECT * FROM employees;
```

Select specific columns

```
SELECT name, department FROM employees;
```

#### 2. WHERE, AND, OR, LIKE, BETWEEN

WHERE with a simple condition

```
SELECT * FROM employees WHERE department = 'IT' ;
```

WHERE with AND

```
SELECT * FROM employees WHERE department = 'HR' AND salary > 40000;
```

WHERE with OR

```
SELECT * FROM employees WHERE department = 'IT' OR department = 'Finance' ;
```

LIKE for pattern matching (names starting with 'A' )

SELECT \* FROM employees WHERE name LIKE 'A%' ;

BETWEEN for range (salary between 45000 and 70000)

SELECT \* FROM employees WHERE salary BETWEEN 45000 AND 70000;

### **ORDER BY**

Order by salary ascending

SELECT \* FROM employees ORDER BY salary ASC;

Order by name descending

SELECT \* FROM employees ORDER BY name DESC;

### **LIMIT**

Limit the number of rows returned ( Top 3 )

SELECT \* FROM employees ORDER BY salary DESC LIMIT 3;