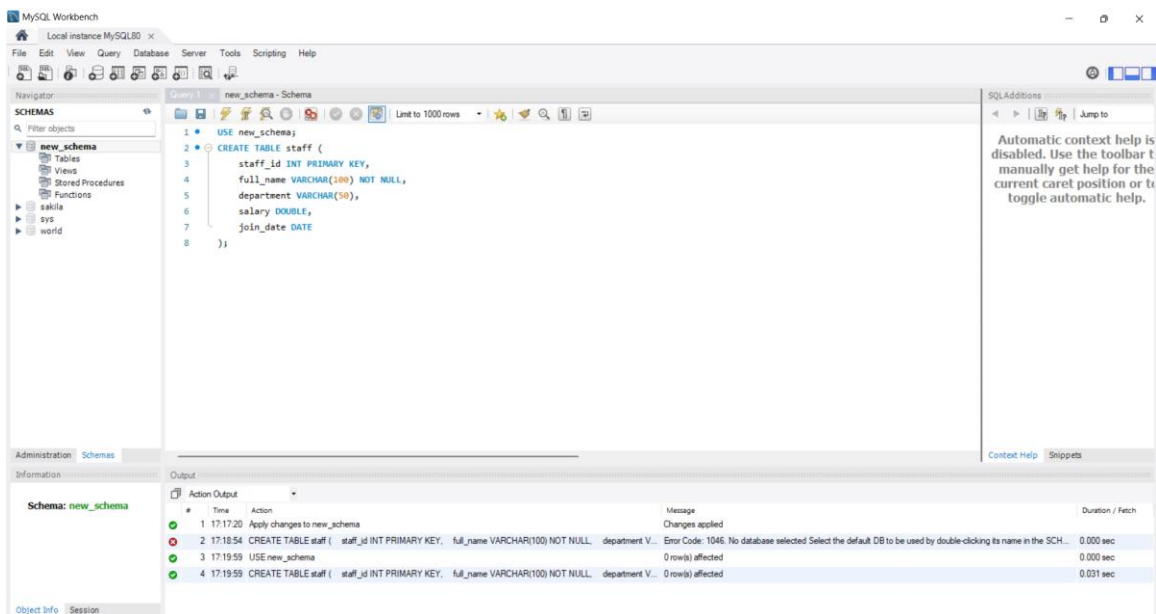# Harsh Hande

STAFF TABLE

1) CREATING TABLE

CREATE TABLE staff (
    staff_id INT PRIMARY KEY,
    full_name VARCHAR(100) NOT NULL,
    department VARCHAR(50),
    salary DOUBLE,
    join_date DATE
);

2) INSERT QUERY

INSERT INTO staff (staff_id, full_name, department, salary, join_date) VALUES
(201, 'John Doe', 'HR', 46000, '2021-06-15'),
(202, 'Jane Thomas', 'IT', 77000, '2020-01-10'),
(203, 'Alice Johnson', 'Finance', 61000, '2019-08-23'),
(204, 'Robert Brown', 'IT', 82000, '2022-03-01'),
(205, 'Eva Daniels', 'Marketing', 57000, '2021-11-05');
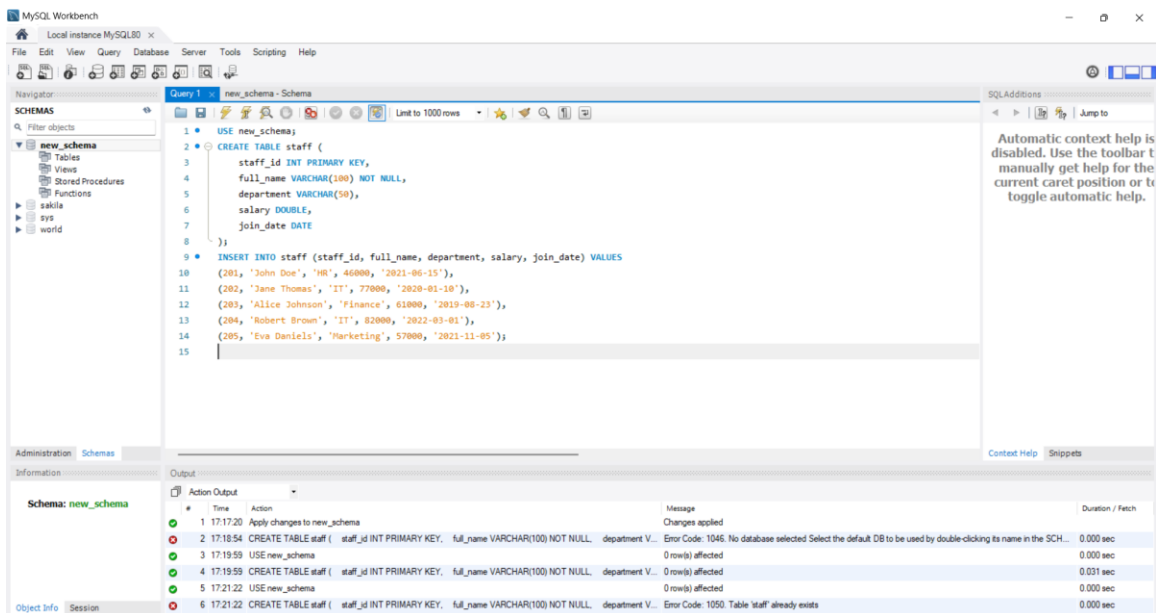
3) SELECT QUERY

SELECT * FROM staff;

SELECT full_name, department FROM staff;
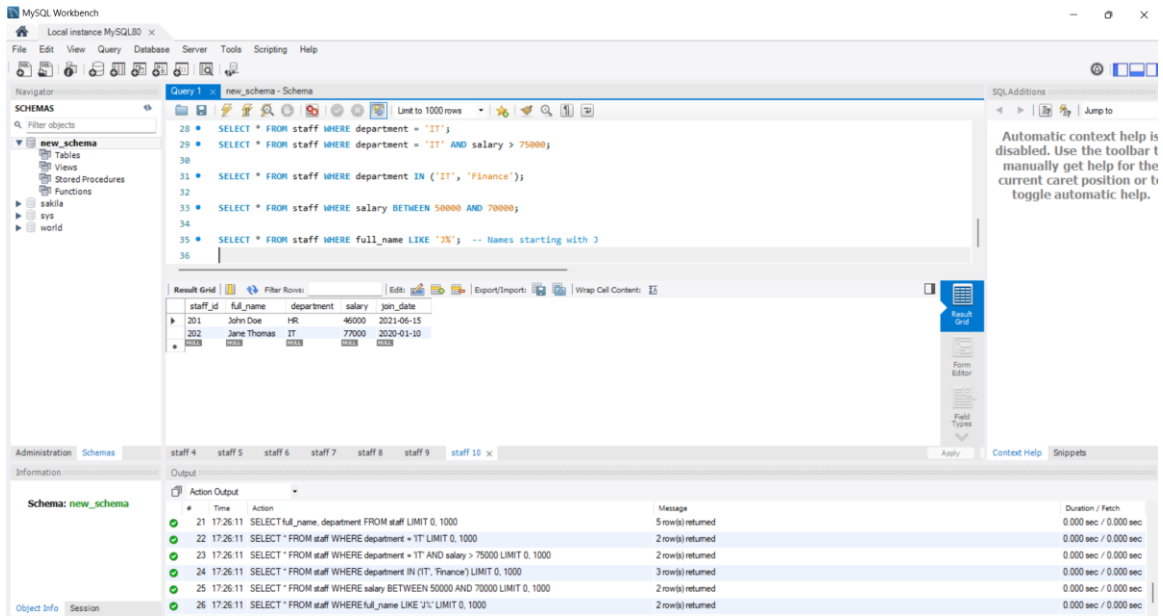
SELECT * FROM staff WHERE department = 'IT';

4) AND, IN, BETWEEN & LIKE

```sql
SELECT * FROM staff WHERE department = 'IT' AND salary >
75000;

SELECT * FROM staff WHERE department IN ('IT', 'Finance');

SELECT * FROM staff WHERE salary BETWEEN 50000 AND
70000;

SELECT * FROM staff WHERE full_name LIKE 'J%';  -- Names
starting with J
```
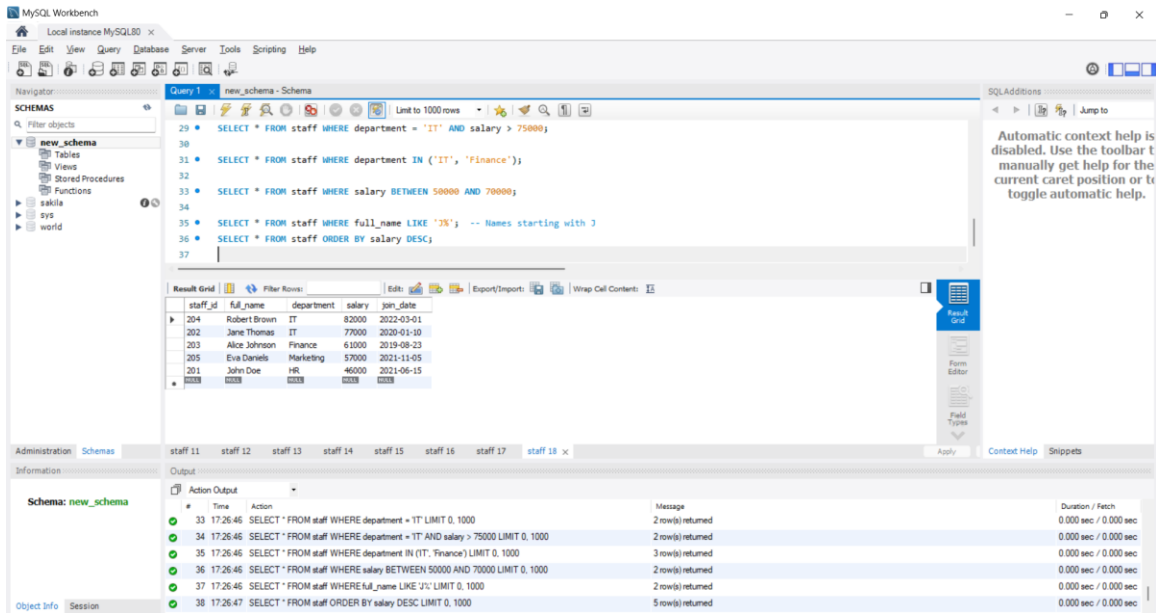
5) CLAUSE - ORDER BY, WHERE, HAVING

SELECT * FROM staff ORDER BY salary DESC;

6) UPDATE QUERY

UPDATE staff
SET salary = 84000
WHERE staff_id = 204;

DELETE FROM staff
WHERE staff_id = 205;

SELECT department, AVG(salary) AS avg_salary
FROM staff
GROUP BY department;

SELECT department, COUNT(*) AS emp_count
FROM staff
GROUP BY department
HAVING COUNT(*) > 1;