NAME: Punit Manoj Bhatarkar

1)CREATING TABLE

CREATE TABLE employees (

emp_id INT PRIMARY KEY, name

VARCHAR(100) NOT NULL,

department VARCHAR(50),

salary DOUBLE, join_date DATE

);

2)INSERT QUERY

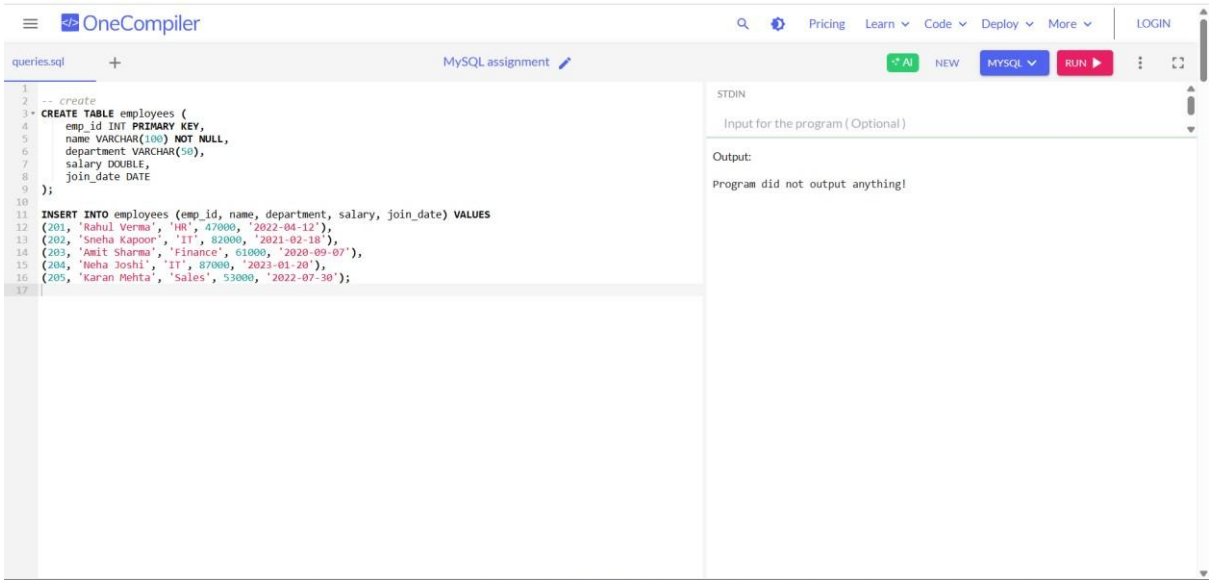
INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES

(201, 'Rahul Verma', 'HR', 47000, '2022-04-12'),

(202, 'Sneha Kapoor', 'IT', 82000, '2021-02-18'),

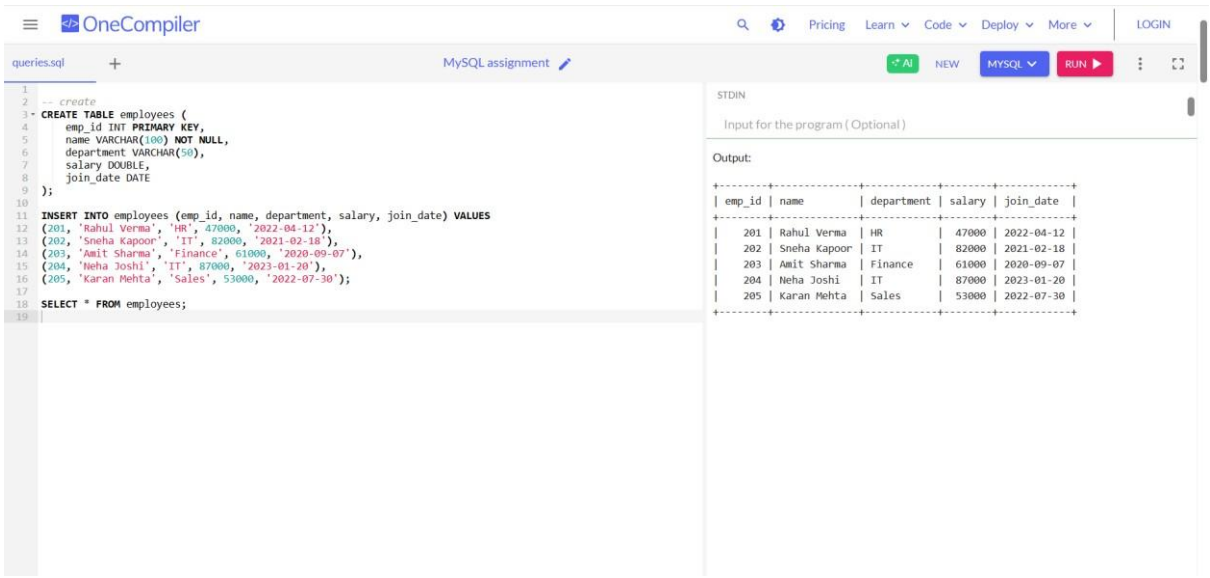
(203, 'Amit Sharma', 'Finance', 61000, '2020-09-07'),

(204, 'Neha Joshi', 'IT', 87000, '2023-01-20'),
(205, 'Karan Mehta', 'Sales', 53000, '2022-07-30');

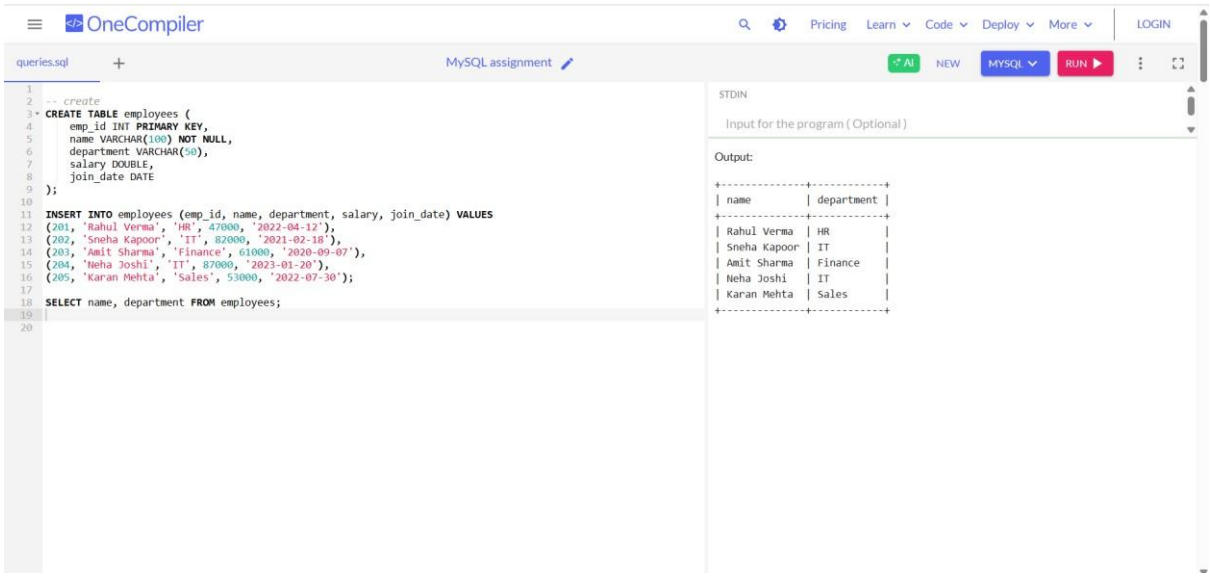


3) SELECT QUERY

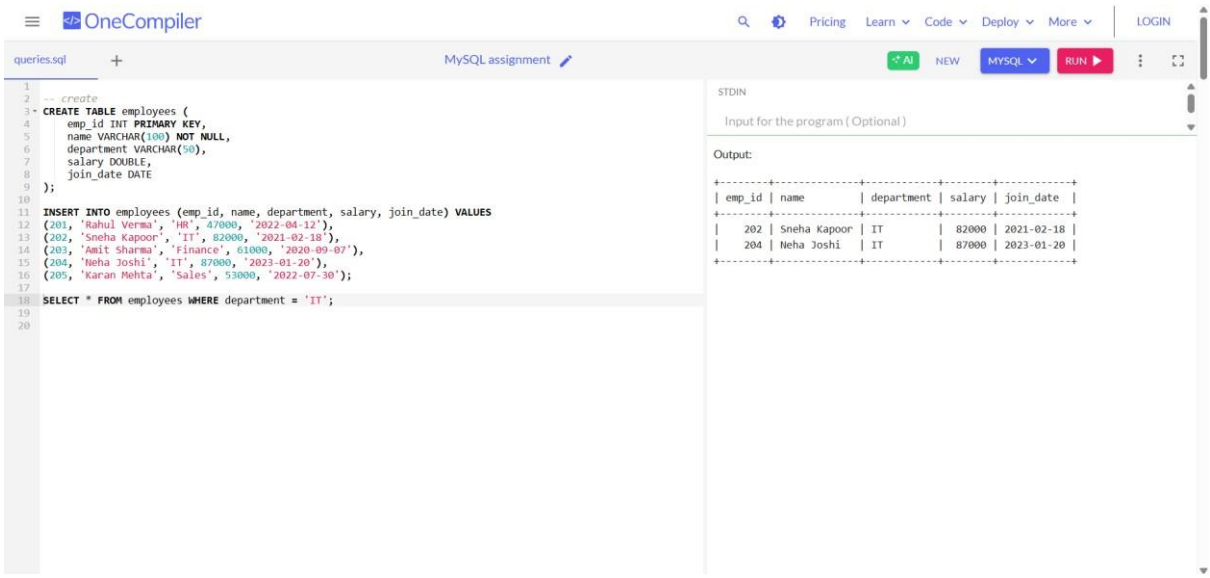
- SELECT * FROM employees;



- SELECT name, department FROM employees;

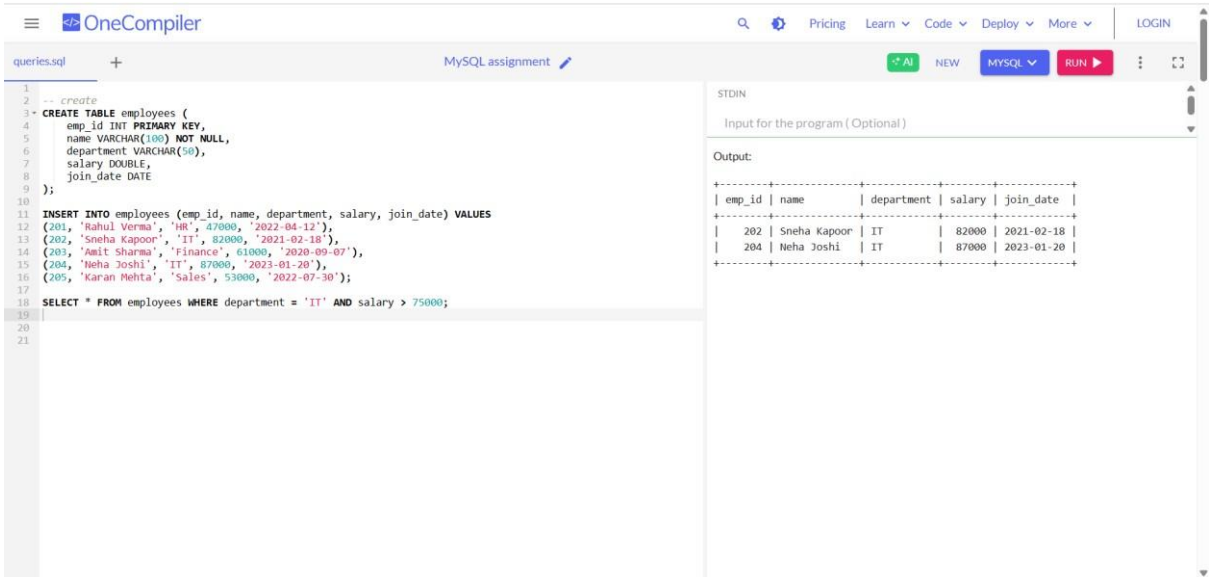


- SELECT * FROM employees WHERE department = 'IT';

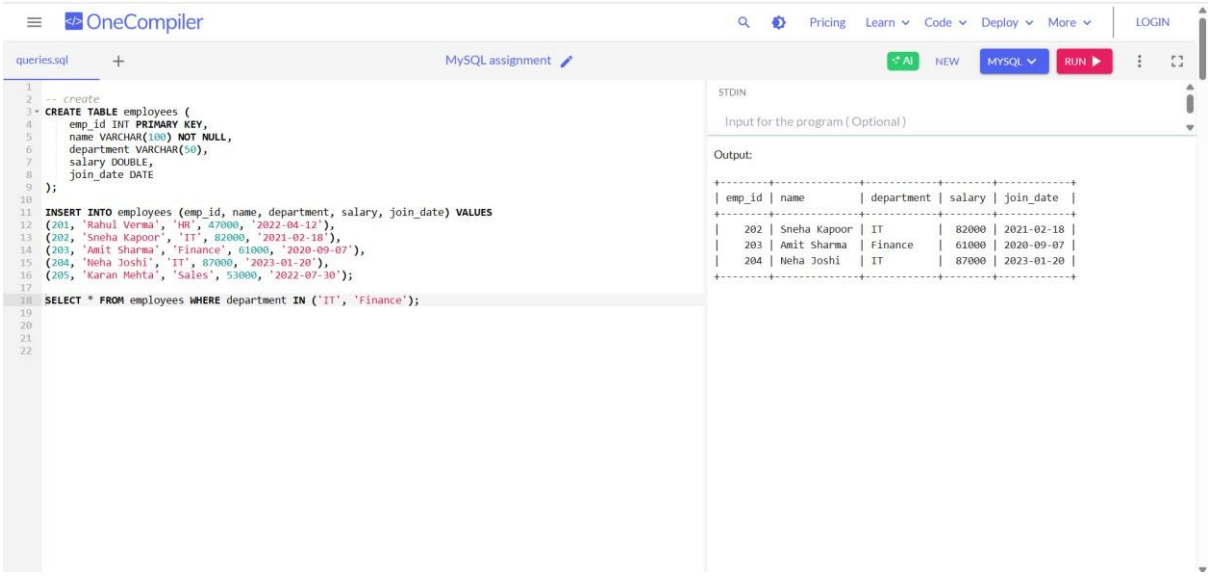


4) AND, IN BETWEEN & LIKE

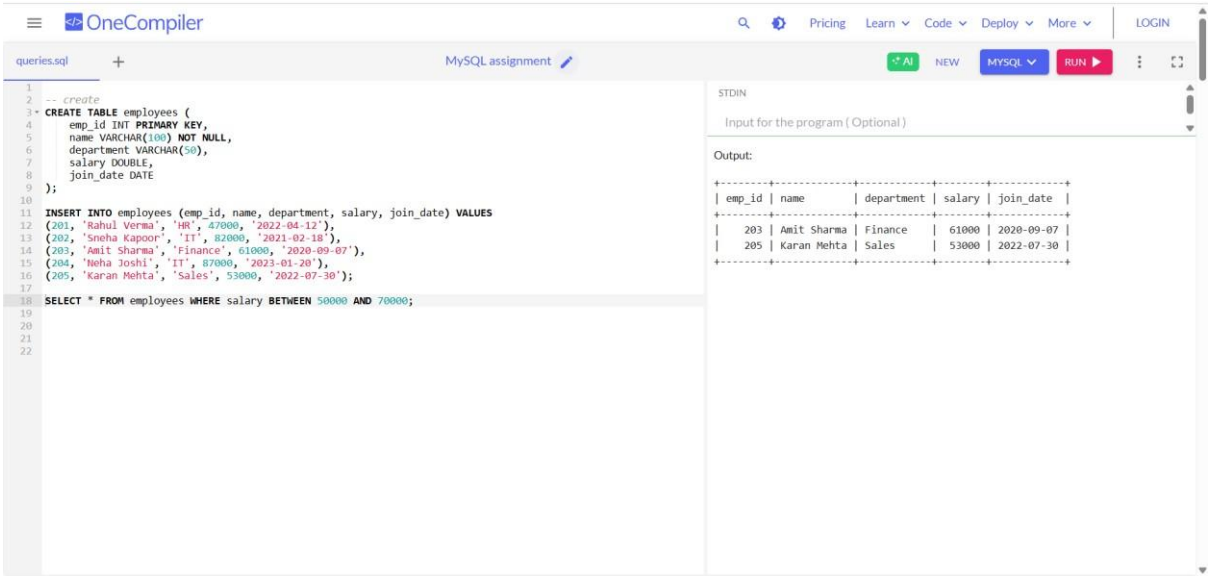
- SELECT * FROM employees WHERE department = 'IT' AND salary > 75000;



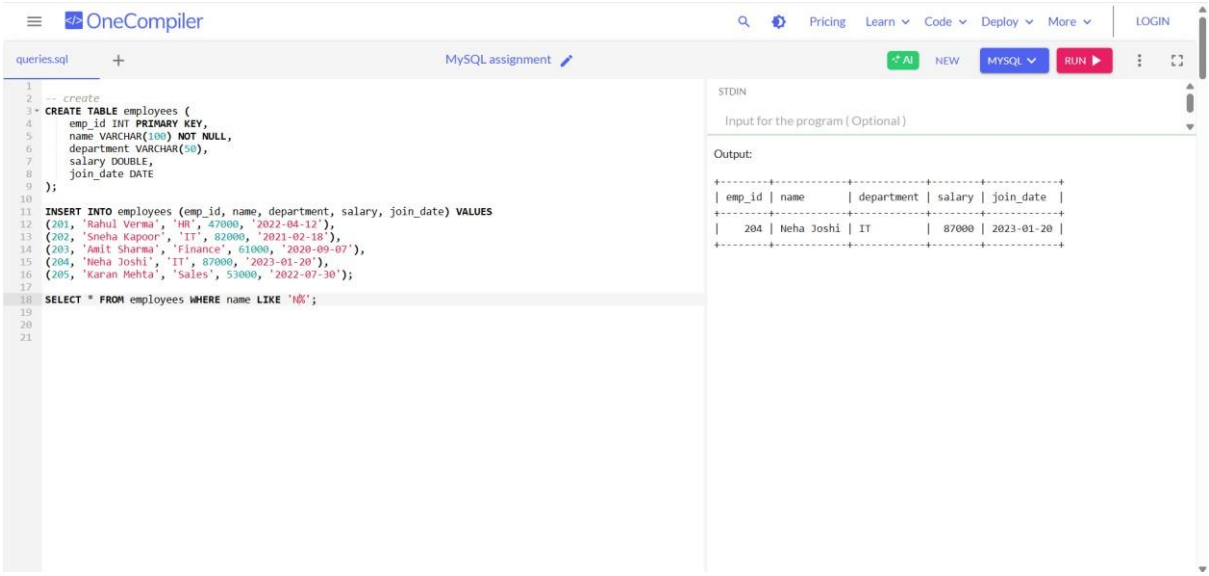
- SELECT * FROM employees WHERE department IN ('IT', 'Finance');



- SELECT * FROM employees WHERE salary BETWEEN 50000 AND 70000;

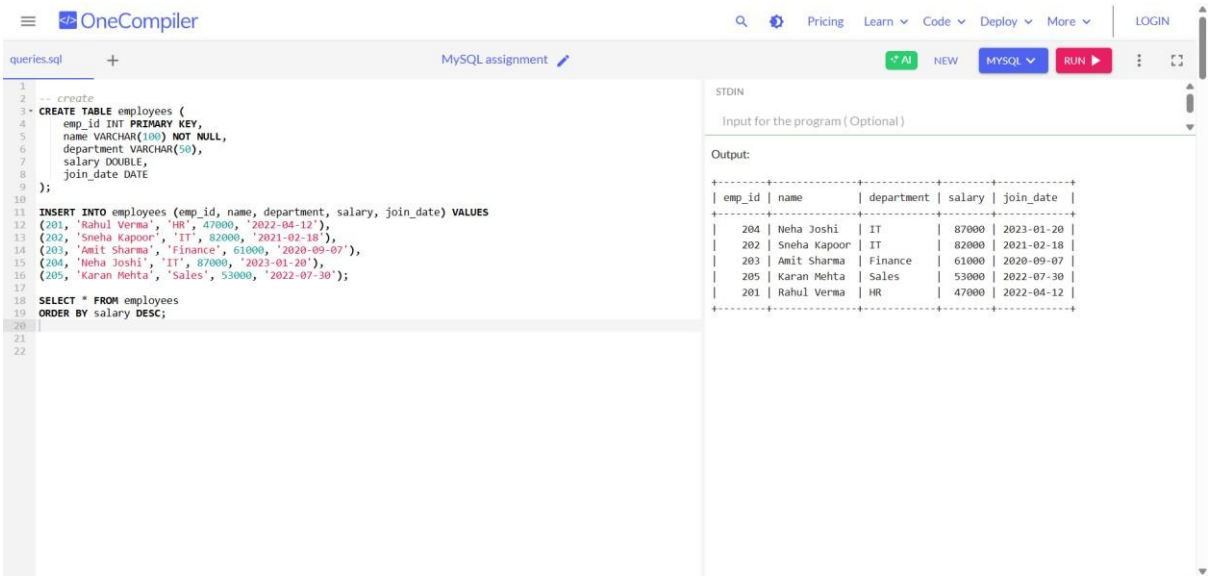


- SELECT * FROM employees WHERE name LIKE 'N%'; -- Names starting with J



5)CLAUSE -ORDER BY, WHERE, HAVING

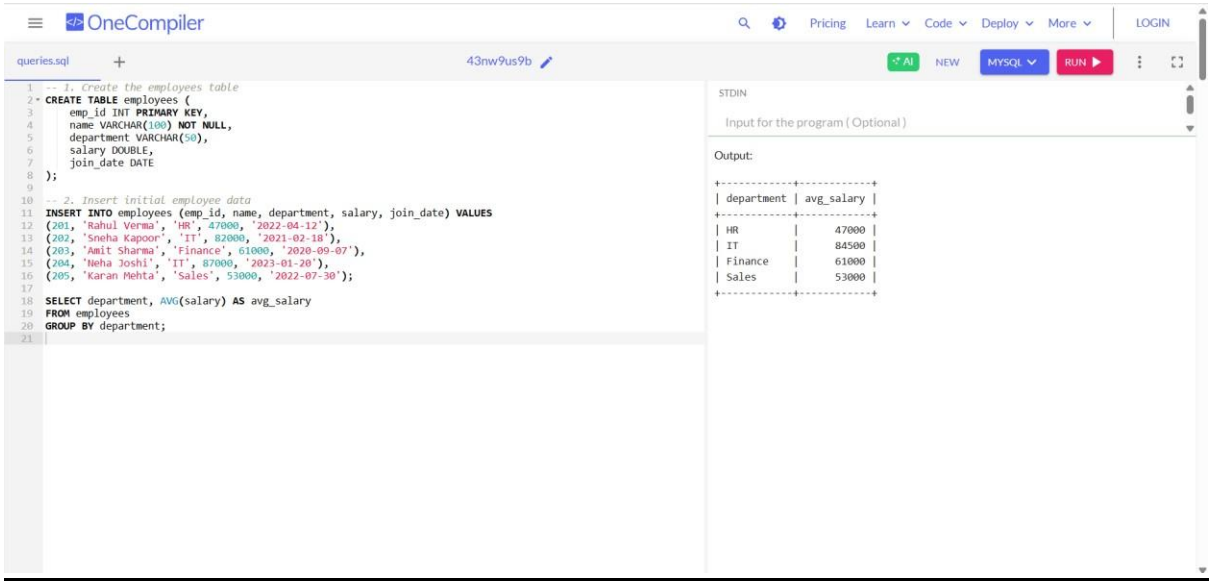
SELECT * FROM employees
ORDER BY salary DESC;



6)UPDATE QUERY

- SELECT department, AVG(salary) AS avg_salary FROM employees

GROUP BY department;



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