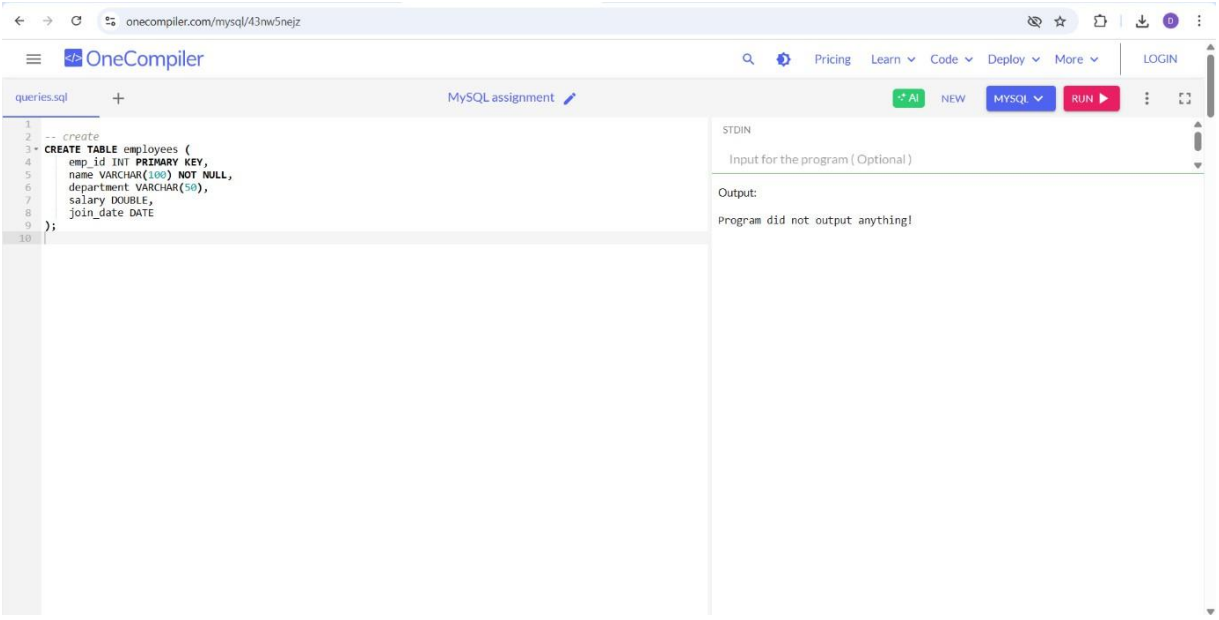
NAME:ASHWINI BASAVARAJ SIMPAGER

1) CREATING TABLE

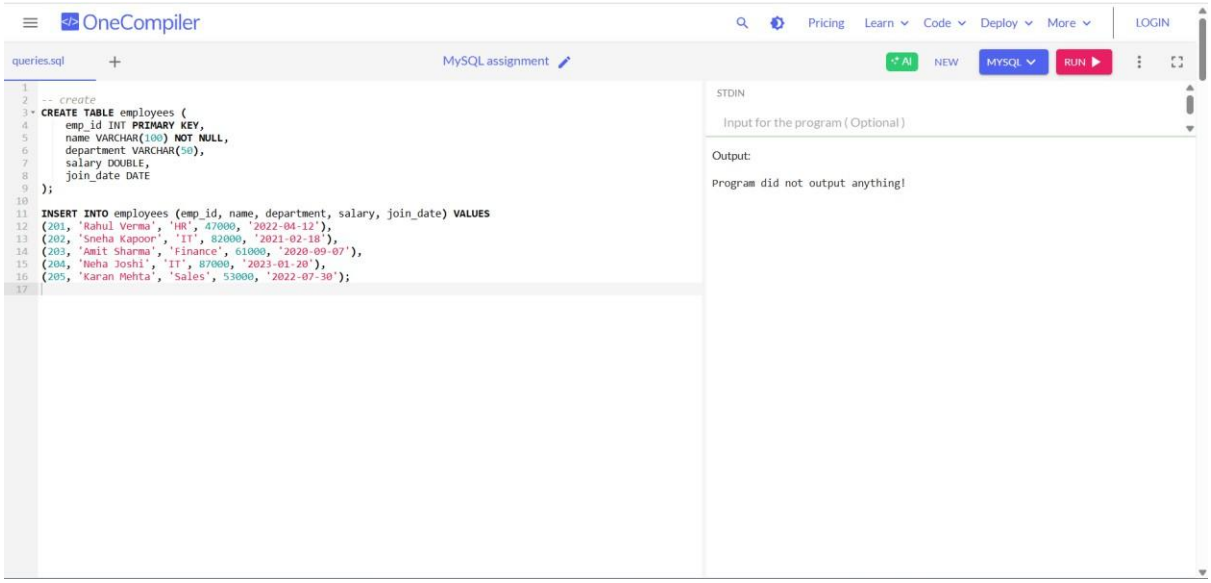
```
CREATE TABLE employees
   ( emp_id INT PRIMARY
   KEY,
   name VARCHAR(100) NOT NULL,
   department VARCHAR(50),
   salary DOUBLE,
   join_date DATE
);
```



2) INSERT QUERY

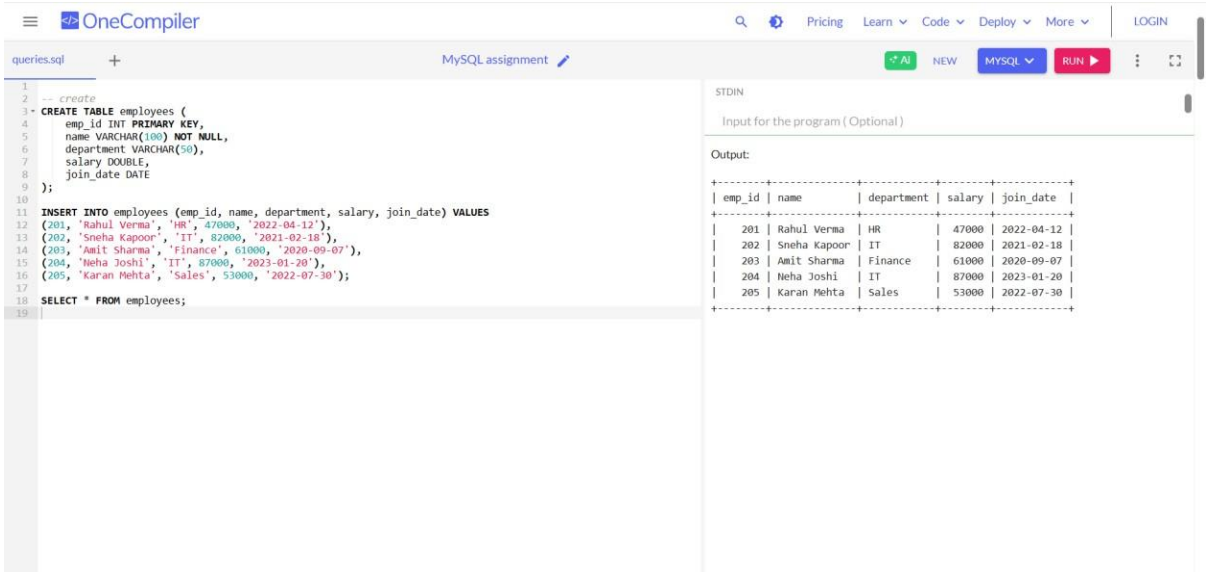
```
INSERT INTO employees (emp_id, name, department, salary, join_date) VALUES
(201, 'Rahul Verma', 'HR', 47000, '2022-04-12'),
(202, 'Sneha Kapoor', 'IT', 82000, '2021-02-18'),
(203, 'Amit Sharma', 'Finance', 61000, '2020-09-07'),
(204, 'Neha Joshi', 'IT', 87000, '2023-01-20'),
```

(205, 'Karan Mehta', 'Sales', 53000, '2022-07-30');

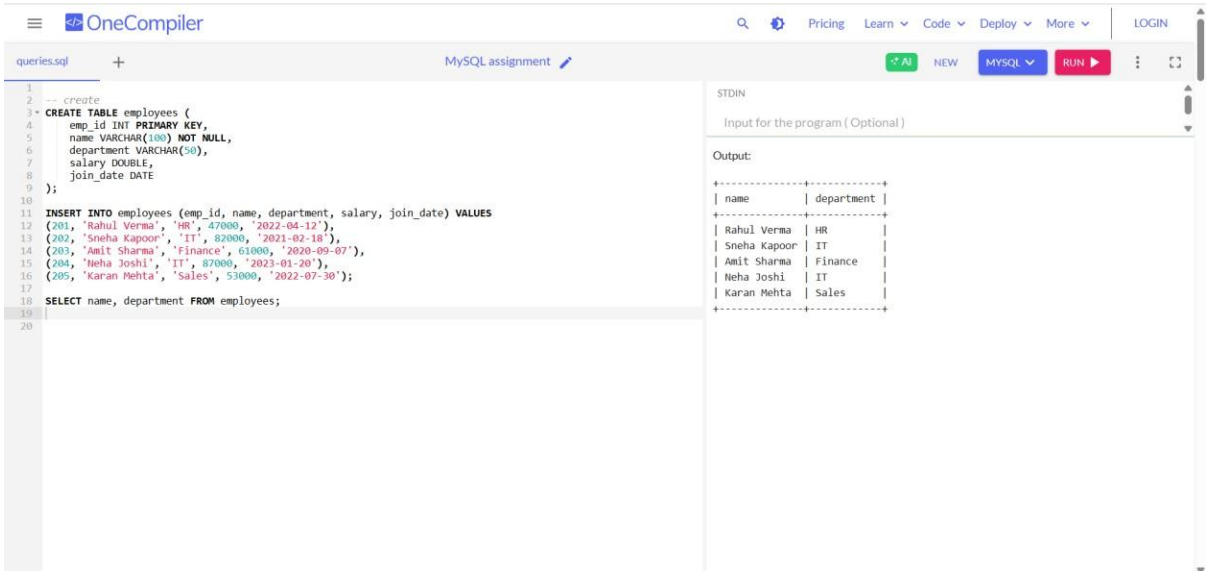


3) SELECT QUERY

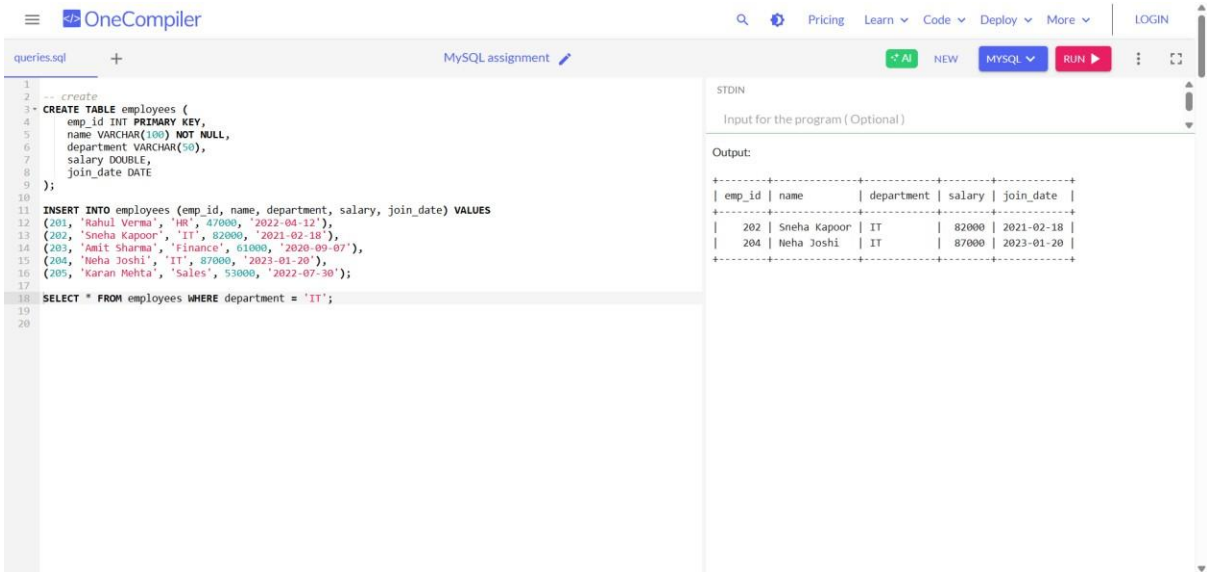
- SELECT * FROM employees;



- SELECT name, department FROM employees;

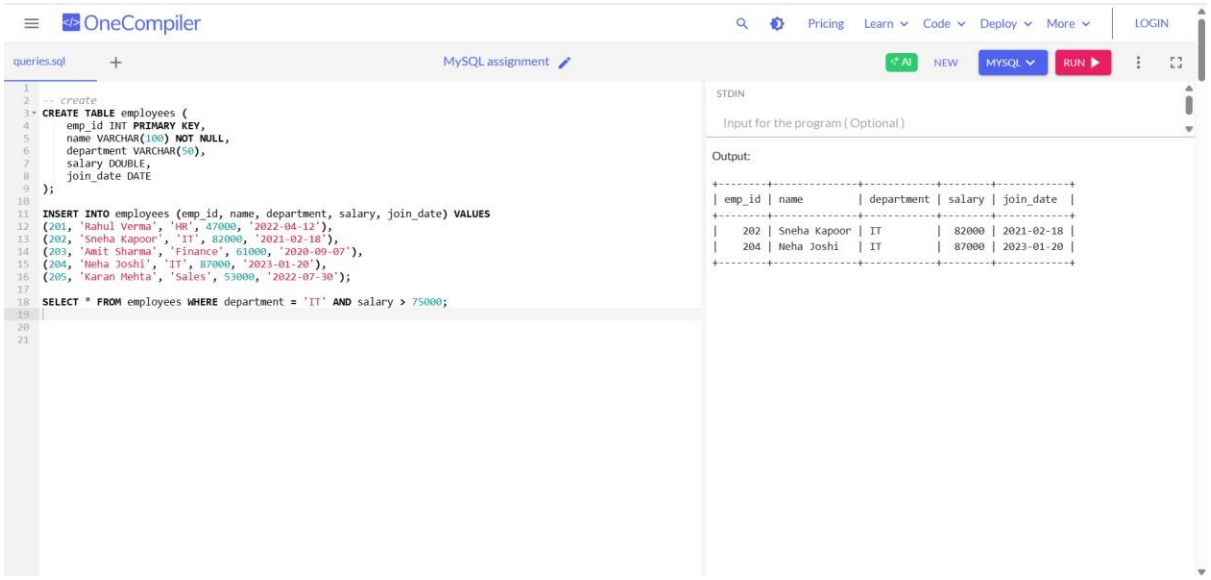


- SELECT * FROM employees WHERE department = 'IT';

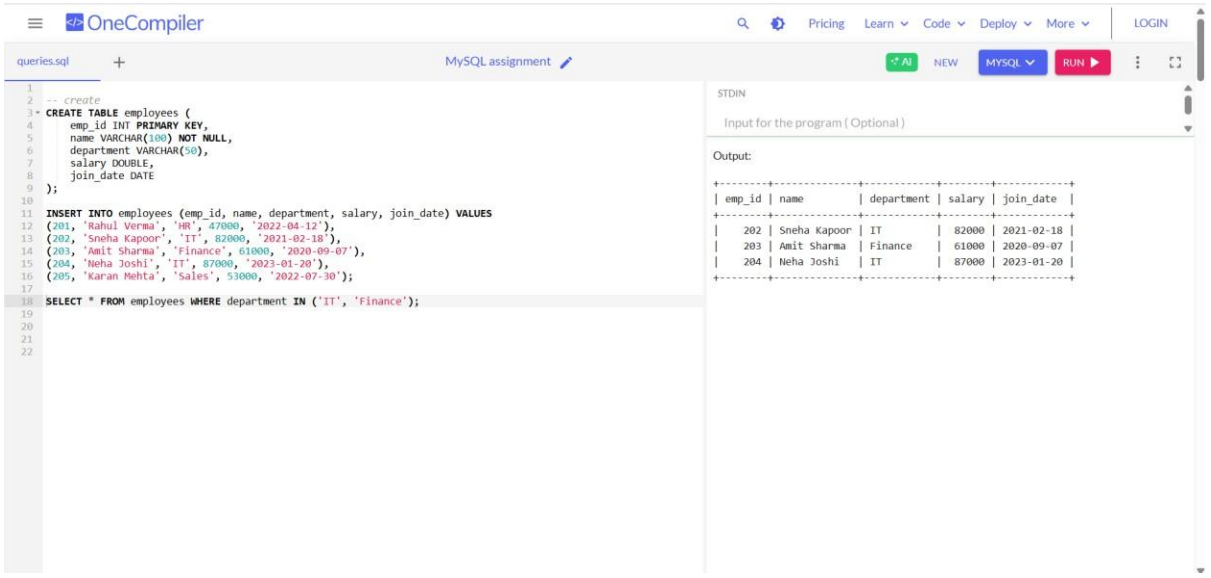


4) AND, IN BETWEEN & LIKE

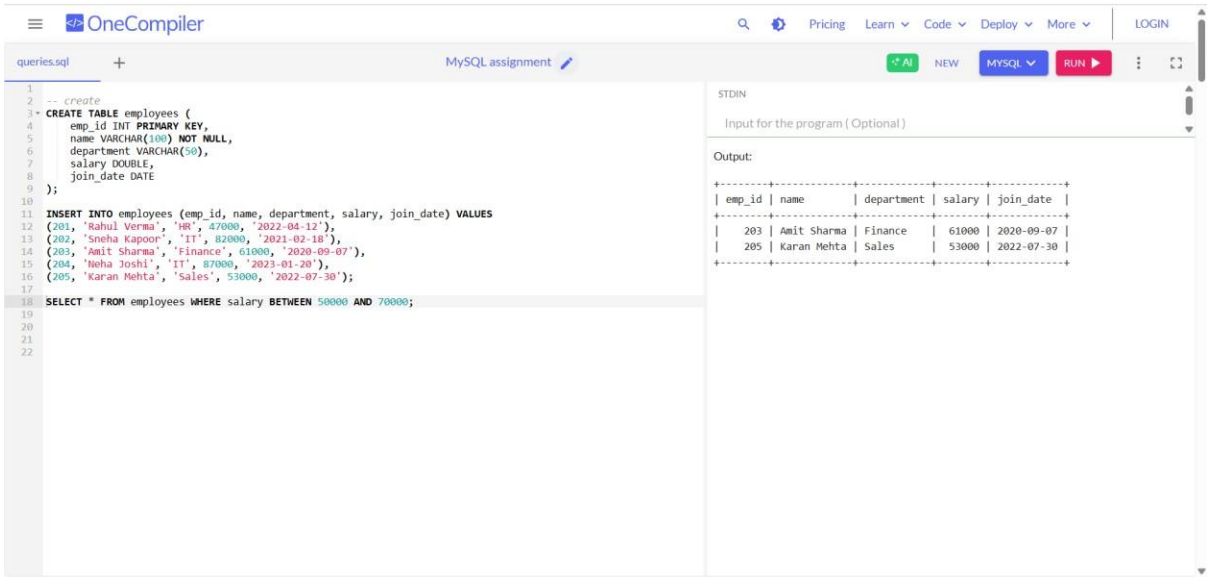
- SELECT * FROM employees WHERE department = 'IT' AND salary > 75000;



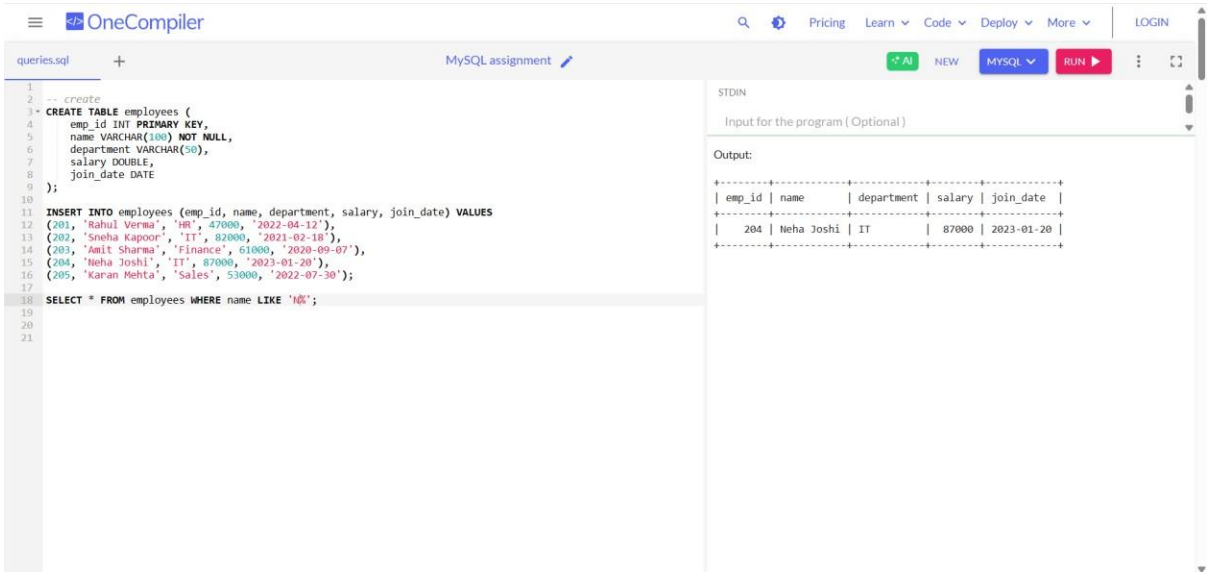
- SELECT * FROM employees WHERE department IN ('IT', 'Finance');



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

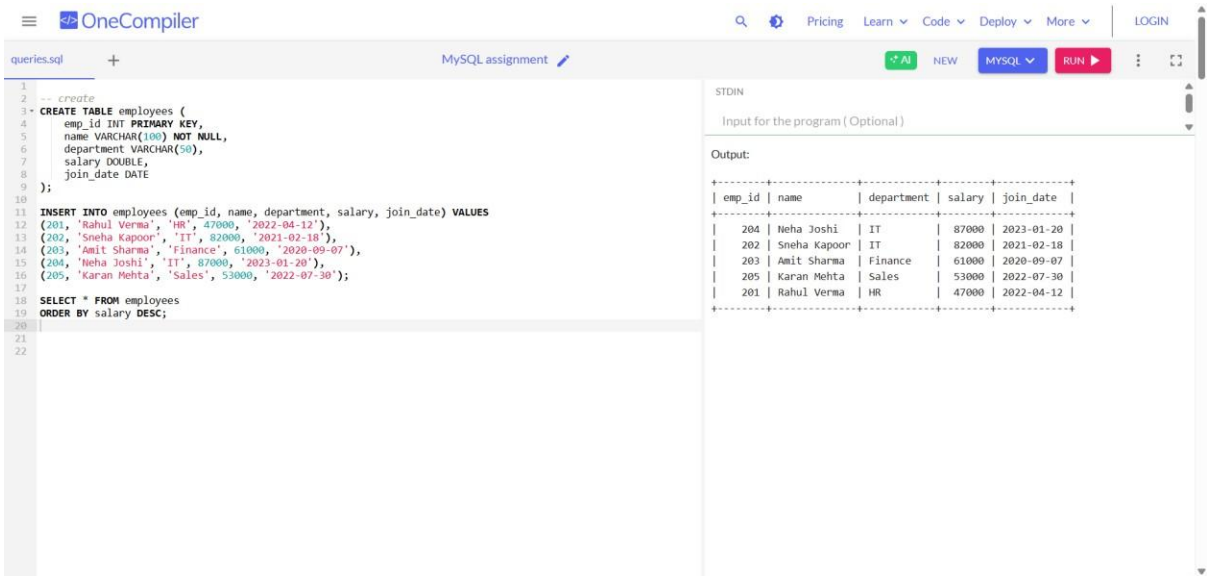


- SELECT * FROM employees WHERE name LIKE 'N%'; -- Names starting with J



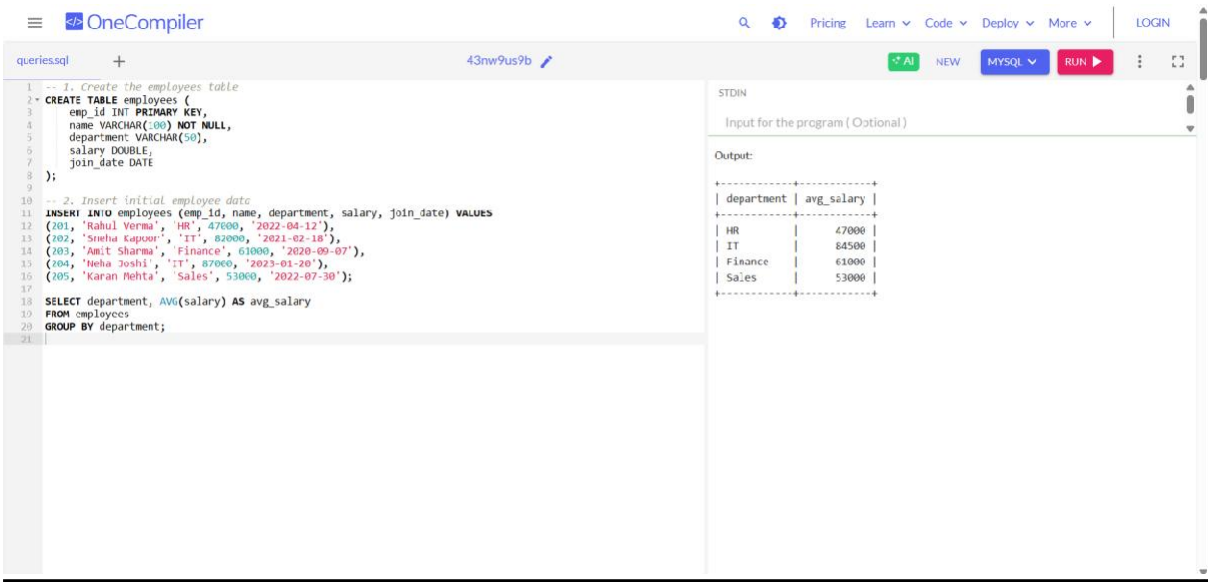
5) CLAUSE -ORDER BY, WHERE, HAVING

SELECT * FROM employees
ORDER BY salary DESC;

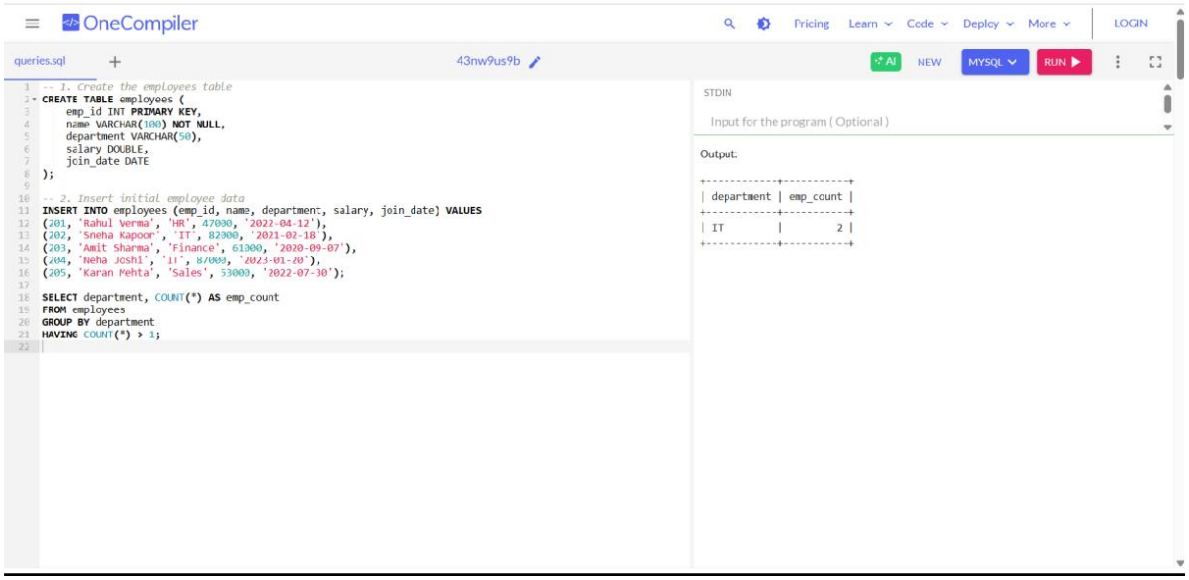


6) UPDATE QUERY

- 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;


OneCompiler
Pricing
Learn
Code
Deploy
More
LOGIN
queries.sql
43nw9us9b
AI
NEW
MYSQL
RUN
-- 1. Create the employees table
CREATE TABLE employees (
emp_id INT PRIMARY KEY,
name VARCHAR(100) NOT NULL,
department VARCHAR(50),
salary DOUBLE,
join_date DATE
);
-- 2. Insert initial employee data
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');
SELECT department, COUNT(*) AS emp_count
FROM employees
GROUP BY department
HAVING COUNT(*) > 1;
STDIN
Input for the program (Optional)
Output:
+------------+-----------+
| department | emp_count |
+------------+-----------+
| IT | 2 |
+------------+-----------+