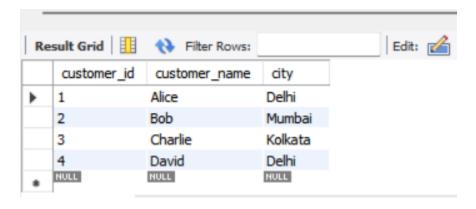
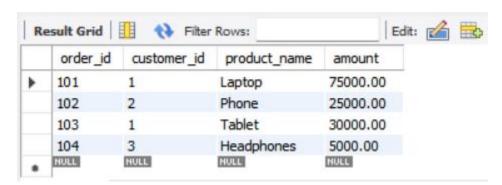
Task 6:Subqueries and Nested Queries

Tables:

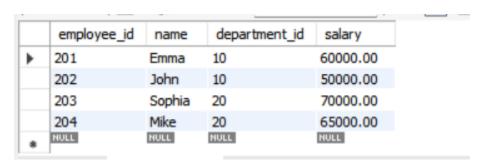
Customers



Orders:



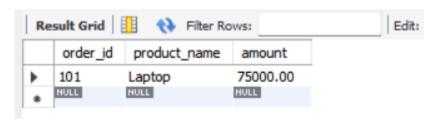
Employees:



Scalar query:

```
55 • SELECT order_id, product_name, amount
56 FROM orders
57 WHERE amount > (SELECT AVG(amount) FROM orders);
58
```

Output:

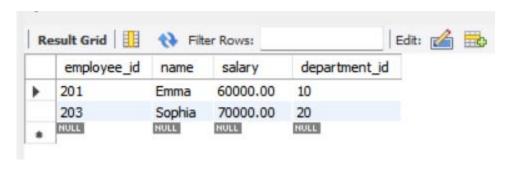


Correlated Subquery:

```
58
59 •
       SELECT e.employee_id, e.name, e.salary, e.department_id
60
       FROM employees e

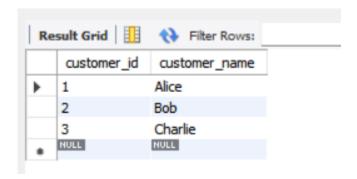
⊕ WHERE e.salary > (
61
            SELECT AVG(salary)
62
63
            FROM employees
           WHERE department_id = e.department_id
64
       );
65
66
```

Output:



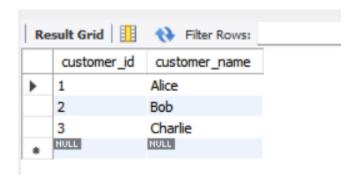
Subquey IN:

Output:



Subquery EXISTS:

Output:



Subquery =:

```
81 • SELECT employee_id, name, salary
82 FROM employees
83 WHERE salary = (SELECT MAX(salary) FROM employees);
84
```

Output:

