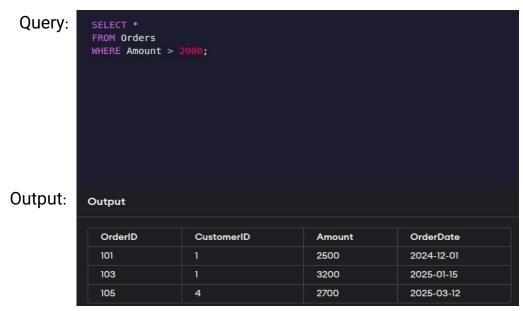# SQL For Analyst Project

To-Do List Web App
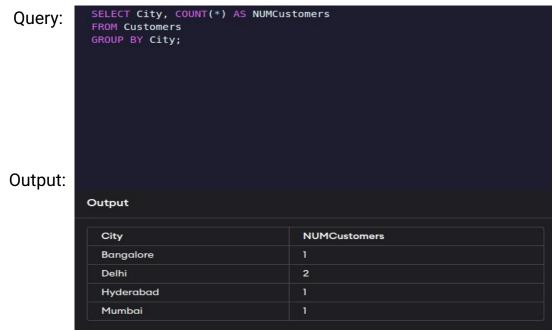
Question 1 :- List the name of all the customers who live in Delhi.

Query:

```sql
SELECT NAME
FROM Customers
WHERE City = 'Delhi';
```

Output:

Output

Name
Alice
David

Question 2 :- Find all orders with amount greater than 2000.

Query:

```sql
SELECT *
FROM Orders
WHERE Amount > 2000;
```

Output:

Output

OrderID	CustomerID	Amount	OrderDate
101	1	2500	2024-12-01
103	1	3200	2025-01-15
105	4	2700	2025-03-12

Question 3 :- How many customers from each city ?

Query:

```
SELECT City, COUNT(*) AS NUMCustomers
FROM Customers
GROUP BY City;
```

Output:

Output

City	NUMCustomers
Bangalore	1
Delhi	2
Hyderabad	1
Mumbai	1

Question 4:- What is the total amount spent by customer 'Alice'?
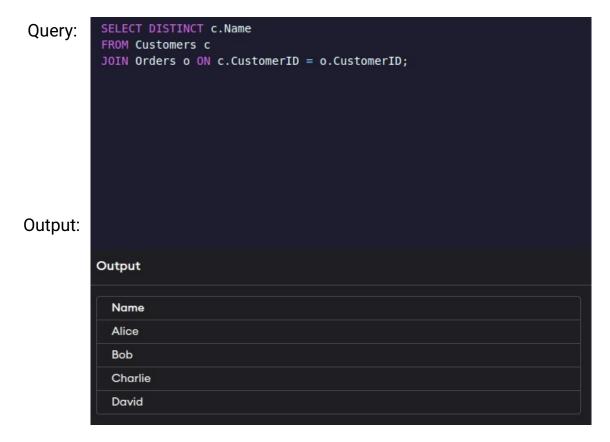
Query:

```
SELECT SUM(Amount) AS TotalSpent
FROM Orders
WHERE CustomerID = (
  SELECT CustomerID
  FROM Customers
  WHERE Name = 'Alice'
);
```

Output:

Output

TotalSpent
5700

Question 5:- List all the customers who have placed at least one order.

Query:
```
SELECT DISTINCT c.Name
FROM Customers c
JOIN Orders o ON c.CustomerID = o.CustomerID;
```

Output:

Output

Name
Alice
Bob
Charlie
David

Question 6:- Get the average age of customers who have placed orders.

Query:
```
SELECT AVG(c.Age) AS AvgAge
FROM Customers c
JOIN Orders o ON c.CustomerID = o.CustomerID;
```

Output:

Output

AvgAge
28.6

Question 7:- List the customer names and their total number of orders.

Query:
```sql
SELECT c.Name, COUNT(o.OrderID) AS TotalOrders
FROM Customers c
JOIN Orders o ON c.CustomerID = o.CustomerID
GROUP BY c.Name;
```

Output:

Output

Name	TotalOrders
Alice	2
Bob	1
Charlie	1
David	1