Homework Practice 2

Q1 -

```
SELECT COUNT(DISTINCT order_Id) as TotalOrders
FROM Sales
WHERE DATE(Date) = '2023-03-18';
```

Q2 -

```
SELECT COUNT(*) as TotalOrders
FROM Sales
WHERE DATE(Date) = '2023-03-18'
AND FirstName = 'John'
AND LastName = 'Doe';
```

Q3 -

```
SELECT COUNT(DISTINCT c.customer_ID) AS TotalCustomers,
       AVG(s.Revenue) AS AverageAmountSpent
FROM customer c
JOIN sales s ON c.customer_ID = s.customer_ID
WHERE s.Date >= '2023-01-01' AND s.Date < '2023-02-01';
```

Q4 -

```
SELECT i.department
FROM sales s
JOIN items i ON s.item_ID = i.item_ID
WHERE s.Date >= '2022-01-01' AND s.Date < '2023-01-01'
GROUP BY i.Department
HAVING SUM(s.TotalAmount) < 600;
```

Q5 -

```
SELECT MAX(s.Revenue) AS MaxRevenue, MIN(s.Revenue) AS MinRevenue
FROM sales s;
```

Q6 -

```
SELECT *
FROM sales
WHERE Revenue = (SELECT MAX(Revenue) FROM sales);
```