

```
SELECT COUNT(DISTINCT Order_id) AS Total_Orders
FROM SALES
WHERE Date = '2023-03-18';
```

```
SELECT COUNT(DISTINCT S.Order_id) AS Total_Orders
FROM SALES S
JOIN CUSTOMERS C ON S.Customer_id = C.customer_id
WHERE S.Date = '2023-03-18' AND C.first_name = 'John' AND C.last_name = 'Doe';
```

```
SELECT COUNT(DISTINCT Customer_id) AS Total_Customers, AVG(Revenue) AS
Average_Spending
FROM SALES
WHERE Date BETWEEN '2023-01-01' AND '2023-01-31';
```

```
SELECT I.department, SUM(S.Revenue) AS Total_Revenue
FROM SALES S
JOIN ITEMS I ON S.Item_id = I.Item_id
WHERE S.Date BETWEEN '2022-01-01' AND '2022-12-31'
GROUP BY I.department
HAVING SUM(S.Revenue) < 600;
```

```
SELECT Order_id, MAX(Revenue) AS Max_Revenue
FROM SALES
GROUP BY Order_id
ORDER BY Max_Revenue DESC
LIMIT 1;
```

```
SELECT Order_id, SUM(Revenue) AS Total_Revenue
FROM SALES
GROUP BY Order_id
ORDER BY Total_Revenue DESC
LIMIT 1;
```

I didn't get the data for the HW so I have to just write down the code