Use the following tables to work on the following prompts

TABLE INFO :

SALES – Date, Order_id, Item_id, Customer_id, Quantity, Revenue

ITEMS – Item_id, Item_name, price, department

CUSTOMERS- customer_id, first_name,last_name,Address

1.Pull total number of orders that were completed on 18th March 2023.

```
Select count(Order_id)
From SALES
Where Date = “2023-03-18”;
```

2.Pull total number of orders that were completed on 18th March 2023 with the first name ‘John’ and last name Doe’.

```
Select count(Order_id)
From SALES as s joins CUSTOMERS as c on s.Order_id = c.Order_id
Where Date = “2023-03-18” and first_name = “John” and last_name = “Doe”;
```

3.Pull total number of customers that purchased in January 2023 and the average amount spend per customer.

```
Select count(Distinct s.customer_id), average(s.Revenue)
From SALES as s joins CUSTOMERS as c on s.Customer_id = c.Customer_id
Where s.Date >= “2023-01-01” AND s.Date <= “2023-01-31”;
```

4.Pull the departments that generated less than $600 in 2022.

```
SELECT i.Department, SUM(s.Revenue) as TotalRevenue
FROM SALES s JOIN ITEMS i ON s.Item_id = i.Item_id
WHERE s.Date >= '2022-01-01' AND s.Date <= '2022-12-31'
GROUP BY i.Department
HAVING TotalRevenue < 600;
```

5.What is the most and least revenue we have generated by an order.

```
Select Max(s.Revenue), Min(s.Revenue)
From SALES as s;
```

6.What were the orders that were purchased in our most lucrative order.

```
Select Order_id
From SALES
Where Revenue = (Select Max(Revenue) From SALES);
```