WRITE A SQL QUERY TO -

- Pull total number of orders that were completed on 18th March 2023
- Pull total number of orders that were completed on 18th March 2023 with the first name 'John' and last name 'Doe'
- Pull total number of customers that purchased in January 2023 and the average amount spend per customer
- Pull the departments that generated less than $600 in 2022
- What is the most and least revenue we have generated by an order
- What were the orders that were purchased in our most lucrative order

Question 1 =>

```
Select date,
  Sum (Quantity) as Orders
From Sales
 Where date = " 03-18-2023"
```

Question 2 =>

```
Select S.Date
   Sum(S.Quantity) as orders, C.First_name, C.Last_name,
From Sales as S
Right join Customers as C
 on S.Customer_id = C.Customer_id.
Where S.Date = " 03-18-2023' & C.First_name = 'John' &. C.Last_name = 'Doe'
```

Q3 =>

```
SELECT sum(revenue)/
      Count (distinct Customer_id) as Spend_per_customer
      Count (distinct Customer_id) as Customers
        Date;
  from Sales
  Where Date between
" 01-01-2023" and " 01-31-2023"
  Group by Date
```

Q4: pull the departments that generated less than $600 in 2022.

```
SELECT S.Date,
       2.price
       2.department,
From Sales as S
Right join ITEMS as I.
  ON S.Item_id = 2.Item_id.
where CAST(Date As String)
  like "%-%-2022" & 2.price < "600"
Group by S.Date
```

Q5 =>

```
Select MIN(revenue),
       MAX(revenue),
       Order_id,
From Sales.
group by order_id.
```

Q6 =>

```
Select Max(revenue)
       Order_id as order.
From Sales
group by 2.
```