***Please submit all queries in a single DOC/PDF format.**
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) AS TotalOrders
FROM SALES
WHERE Date = '03-18-2023';
```

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

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

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

```
SELECT COUNT(c.customer_id) AS TotalCustomers,
        AVG(s.Revenue) AS AvgAmtSpent
FROM CUSTOMERS AS c
JOIN SALES AS s ON c.customer_id = s.Customer_id
WHERE s.Date BETWEEN '01-01-2023' AND '01-31-2023';
```

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

```
SELECT DISTINCT i.department
FROM ITEMS AS i
JOIN SALES AS s ON i.Item_id = s.Item_id
WHERE s.Revenue < 600
        AND s.Date BETWEEN '01-01-2022' AND '12-31-2022';
```

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

```
SELECT MAX(s.Revenue) AS MaxRevenue,
        Min(S.Revenue) AS MinRevenue
FROM SALES AS s
```

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

```
SELECT s.Order_id
FROM SALES AS s
```

```
WHERE s.Revenue = (
        SELECT MAX(Revenue)
        FROM SALES);
```