

DBMS Assignment-3

Online Shopping-Gadgets

- Create a sales report for the month of August 2023
- List the count of a particular gadget sold during 2023 and which customers have bought that.

a.

```
SELECT
    O.OrderID,
    O.OrderDate,
    OD.ProductID,
    P.ProductName,
    OD.Quantity,
    OD.SubTotal
FROM
    Orders O
JOIN
    OrderDetails OD ON O.OrderID = OD.OrderID
JOIN
    Products P ON OD.ProductID = P.ProductID
WHERE
    MONTH(O.OrderDate) = 8 AND YEAR(O.OrderDate) = 2023;
```

	OrderID	OrderDate	ProductID	ProductName	Quantity	SubTotal
►	1	2023-08-15 13:00:00	1	Laptop Pro	1	999.99
	2	2023-08-20 14:30:00	2	Smartphone X	2	1199.97

b.

```
SELECT
    OD.ProductID, P.ProductName, SUM(OD.Quantity) AS TotalSold, C.CustomerID, U.Username AS CustomerName
FROM
    OrderDetails OD
JOIN
    Products P ON OD.ProductID = P.ProductID
JOIN
    Orders O ON OD.OrderID = O.OrderID
JOIN
    Customer C ON O.CustomerID = C.CustomerID
JOIN
    User U ON C.UserID = U.UserID
WHERE
    YEAR(O.OrderDate) = 2023
    AND OD.ProductID = 2 -- Replace with the desired ProductID
GROUP BY
```

	ProductID	ProductName	TotalSold	CustomerID	CustomerName
▶	2	Smartphone X	2	1	customer1
	2	Smartphone X	1	2	customer2