SQL OUTPUTS

Q1) select FirstName,LastName from customers

	FirstName	LastName
▶	John	Doe
	Jane	Smith

Q2) select * from Orders where MONTH(OrderDate)=1 and YEAR(OrderDate)=202

	OrderID	CustomerID	OrderDate
▶	1	1	2023-01-10
	2	2	2023-01-12
＊	NULL	NULL	NULL

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Q3) select oi.orderID, oi.productID, p.productName, c.FirstName, c.LastName, c.email from OrderItems oi join Products p on oi.productID=p.ProductID join Orders o on oi.OrderID=o.OrderID JOIN Customers c on o.CustomerID=c.CustomerID order by c.CustomerID asc

	orderID	productID	productName	FirstName	LastName	email
▶	1	3	Headphones	John	Doe	john.doe@example.com
	1	1	Laptop	John	Doe	john.doe@example.com
	2	3	Headphones	Jane	Smith	jane.smith@example.com
	2	2	Smartphone	Jane	Smith	jane.smith@example.com

Q4) select oi.productID, p.productName, oi.quantity, p.price from OrderItems oi join Products p on oi.productid=p.productid

	productID	productName	quantity	price
▶	1	Laptop	1	1000
	3	Headphones	2	100
	2	Smartphone	1	600
	3	Headphones	1	100

Q5) select c.FirstName,c.LastName, sum(p.price*oi.Quantity) from orderitems oi join products p on oi.productid=p.productid join orders o on oi.orderid=o.orderid join customers c on o.customerid=c.customerid group by oi.orderid

	FirstName	LastName	sum(p.price*oi.Quantity)
▶	John	Doe	1200
	Jane	Smith	700

Q6) select oi.productid, p.productname, sum(oi.quantity) as quan from orderitems oi join products p on oi.productid=p.productid group by oi.productid order by quan desc limit 1

	productid	productname	quan
▶	3	Headphones	3

Q7) select year(o.orderdate) as year, month(o.orderdate) as month, count(distinct o.orderid), sum(p.price * oi.quantity) from orders o join orderitems oi on o.orderid = oi.orderid join products p on oi.productid = p.productid here year(o.orderdate) = 2023 group by year(o.orderdate), month(o.orderdate) order by year, month;

	year	month	count(distinct o.orderid)	sum(p.price * oi.quantity)
▶	2023	1	2	1900

Q8) select c.Firstname, c.LastName, oi.orderid, sum(oi.quantity*p.price) as pr from customers c join orders o on c.customerid=o.customerid join orderitems oi on oi.orderid=o.orderid join products p on p.productid=oi.productid group by oi.orderid having pr>1000

	Firstname	LastName	orderid	pr
▶	John	Doe	1	1200