

SQL JOIN Practice Questions

Question:1

SALES_LARGE.PUBLIC Settings

1 SELECT

2 O.ORDERID,

3 O.ORDERDATE,

4 O.QUANTITY,

5 C.CUSTOMERNAME,

6 P.PRODUCTNAME,

7 FROM ORDERS_LARGE AS O

8 INNER JOIN CUSTOMERS_LARGE AS C ON O.CUSTOMERID = C.CUSTOMERID

9 INNER JOIN PRODUCTS_LARGE AS P ON O.PRODUCTID = P.PRODUCTID;

Results Chart

	# ORDERID	ORDERDATE	# QUANTITY	A CUSTOMERNAME	A PRODUCTNAME
1	1	2023-06-10	10	Customer_1251	Product_2014
2	2	2023-12-07	5	Customer_1236	Product_2004
3	3	2024-10-26	9	Customer_1170	Product_2171
4	4	2023-02-17	2	Customer_1344	Product_2007
5	5	2024-11-06	2	Customer_1319	Product_2061

Question:2

SALES_LARGE.PUBLIC Settings

11 SELECT

12 C.CUSTOMERID,

13 C.CUSTOMERNAME,

14 C.COUNTRY,

15 O.ORDERID,

16 O.ORDERDATE

17 FROM CUSTOMERS_LARGE AS C

18 INNER JOIN ORDERS_LARGE AS O ON C.CUSTOMERID= O.CUSTOMERID

19 WHERE QUANTITY > 1;

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Results Chart

	# CUSTOMERID	A CUSTOMERNAME	A COUNTRY	# ORDERID	ORDERDATE
1	1001	Customer_1001	India	1	2023-06-10
2	1002	Customer_1002	Germany	1	2023-06-10
3	1003	Customer_1003	USA	1	2023-06-10
4	1004	Customer_1004	Germany	1	2023-06-10

Question:3

SALES_LARGE.PUBLIC Settings

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SELECT
C.CUSTOMERID,
C.CUSTOMERNAME,
C.COUNTRY,
O.ORDERID,
O.ORDERDATE,
O.PRODUCTID,
O.QUANTITY
FROM CUSTOMERS_LARGE AS C
LEFT JOIN ORDERS_LARGE AS O ON C.CUSTOMERID = O.CUSTOMERID;

Results Chart

	ERID	CUSTOMERNAME	COUNTRY	ORDERDATE	ORDERID	PRODUCT	QUANTITY
1	1251	Customer_1251	Germany	2023-06-10	1	2014	10
2	1236	Customer_1236	Australia	2023-12-07	2	2004	5
3	1170	Customer_1170	Germany	2024-10-26	3	2171	9
4	1344	Customer_1344	Canada	2023-02-17	4	2007	2

Question:4

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FROM CUSTOMERS_LARGE AS C
LEFT JOIN ORDERS_LARGE AS O ON C.CUSTOMERID = O.CUSTOMERID;

SELECT
P.PRODUCTID,
P.PRODUCTNAME,
COUNT(P.PRODUCTNAME) AS TotalOrders
FROM PRODUCTS_LARGE AS P
LEFT JOIN ORDERS_LARGE AS O ON P.PRODUCTID = O.PRODUCTID
GROUP BY P.PRODUCTID, P.PRODUCTNAME;

Results Chart

	PRODUCTID	PRODUCTNAME	TOTALORDERS
1	2014	Product_2014	22
2	2004	Product_2004	24
3	2171	Product_2171	15
4	2007	Product_2007	12

Question:5

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41 SELECT
42     O.ORDERID,
43     O.ORDERDATE,
44     P.PRODUCTID,
45     P.PRODUCTNAME,
46     P.PRICE,
47     O.QUANTITY
48 FROM ORDERS_LARGE AS O
LEFT JOIN PRODUCTS_LARGE AS P ON O.PRODUCTID = P.PRODUCTID;
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Results

Chart

	# ORDERID	🕒 ORDERDATE	# PRODUCTID	📄 PRODUCTNAME	# PRICE	# QUANTITY
1	1	2023-06-10	2014	Product_2014	522	10
2	2	2023-12-07	2004	Product_2004	1996	5
3	3	2024-10-26	2171	Product_2171	76	9
4	4	2023-02-17	2007	Product_2007	156	2