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ASSIGNMENT

Q. Answer these queustions using the SQL table below.

1.How many people are in each unique state in the customers table? Select the state and display the number of people in each. Hint: count is used to count rows in a column, sum works on numeric data only.

select state, count(custID) as customers from customer group by state;

```
219     -- 1.How many people are in each unique state in the customers table?
220     -- Select the state and display the number of people in each.
221     -- Hint: count is used to count rows in a column, sum works on numeric data only.
222
223 •   select state, count(custID) as customers from customer group by state;
224
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

state	customers
Washington	2
Arizona	3
Wisconsin	1
Idaho	1
Hawaii	1
Oregon	2
Yuma	1

2.From the items_ordered table, select the item, maximum price, and minimum price for each specific item in the table. Hint: The items will need to be broken up into separate groups.

select item, max(price), min(price) from Orders group by item;

```
226     -- 2.From the items_ordered table, select the item, maximum price, and minimum price for each specific item in the table.
227     -- Hint: The items will need to be broken up into separate groups.
228 •   select item, max(price), min(price) from Orders group by item;
229
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

item	max(price)	min(price)
Pogo stick	28	28
Raft	58	58
Skateboard	33	33
Life Vest	125	125
Parachute	1250	1250
Umbrella	4.5	4.5
Unicycle	180.79	180.79

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3.How many orders did each customer make? Use the items_ordered table. Select the customerid, number of orders they made, and the sum of their orders.

```
select custID, count(quantity) as no_of_orders, sum(quantity) as total_items
from Orders
group by custID;
```

```
229     -- 3.How many orders did each customer make? Use the items_ordered table.
230     -- Select the customerid, number of orders they made, and the sum of their orders.
231 •   select custID, count(quantity) as no_of_orders, sum(quantity) as total_items from Orders group by custID;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

custID	no_of_orders	total_items
10101	2	5
10298	1	1
10299	1	1
10330	1	1
10339	1	1
10449	1	1

Result 12