

## ASSIGNMENT

**Q. Answer these questions 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
```

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
```

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

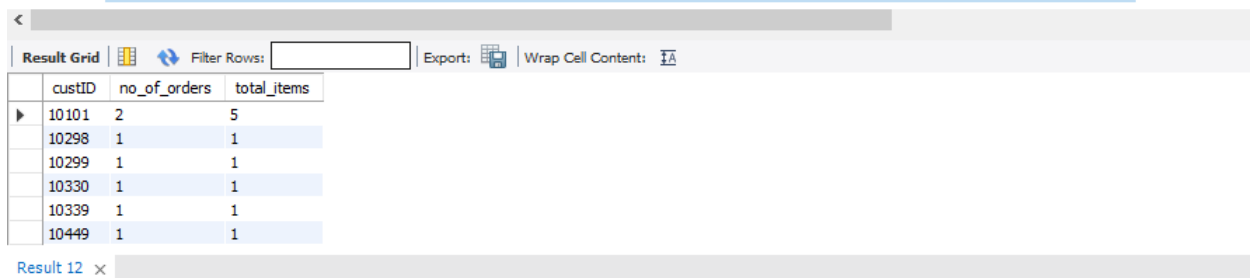
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## ASSIGNMENT

**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;
```



The screenshot shows a database interface with a query editor and a result grid. The query editor contains the SQL query: `select custID, count(quantity) as no_of_orders, sum(quantity) as total_items from Orders group by custID;`. The result grid displays the following data:

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

Below the table, it says "Result 12" with a close button (x).