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ASSIGNMENT

Q. Answer these questions using the SQL table below.

1. Write a query using a join to determine which items were ordered by each of the customers in the customers table. Select the customerid, firstname, lastname, order_date, item, and price for everything each customer purchased in the items_ordered table.

```
select Customer.custID, Customer.fname, Customer.lname,
```

```
Orders.Date_ordered, Orders.item, Orders.price
```

```
from Customer
```

```
inner join Orders on
```

```
Customer.custID = Orders.custID;
```

```
319 -- 1. Write a query using a join to determine which items were ordered by each of the customers in the customers table.
320 -- Select the customerid, firstname, lastname, order_date, item, and price for everything each customer purchased in the items_ordered table.
321 • select Customer.custID, Customer.fname, Customer.lname, Orders.Date_ordered, Orders.item, Orders.price
322 from Customer
323 inner join Orders on
324 Customer.custID = Orders.custID;
```

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

	custID	fname	lname	Date_ordered	item	price
▶	10330	Shawn	Dalton	1999-06-30	Pogo stick	28
	10101	John	Gray	1999-06-30	Raft	58
	10298	Leroy	Brown	1999-07-30	Skateboard	33
	10101	John	Gray	1999-07-01	Life Vest	125
	10299	Elroy	Keller	1999-07-06	Parachute	1250
	10339	Anthony	Sanchez	1999-07-27	Umbrella	4.5
	10449	Isabela	Moore	1999-08-13	Unicycle	180.79

Result 31 x

2. Repeat exercise #1, however display the results sorted by state in descending order.

```
select Customer.state, Customer.custID, Customer.fname, Customer.lname,
```

```
Orders.Date_ordered, Orders.item, Orders.price
```

```
from Customer
```

```
inner join Orders where
```

```
Customer.custID = Orders.custID
```

```
order by Customer.state desc;
```

```
326 -- 2. Repeat exercise #1, however display the results sorted by state in descending order.
327 • select Customer.state, Customer.custID, Customer.fname, Customer.lname,
328 Orders.Date_ordered, Orders.item, Orders.price
329 from Customer
330 inner join Orders where
331 Customer.custID = Orders.custID
332 order by Customer.state desc;
```

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

	state	custID	fname	lname	Date_ordered	item	price
▶	Yuma	10449	Isabela	Moore	1999-08-13	Unicycle	180.79
	Washington	10101	John	Gray	1999-06-30	Raft	58
	Washington	10101	John	Gray	1999-07-01	Life Vest	125
	Washington	10299	Elroy	Keller	1999-07-06	Parachute	1250
	Oregon	10330	Shawn	Dalton	1999-06-30	Pogo stick	28
	Arizona	10298	Leroy	Brown	1999-07-30	Skateboard	33
	Arizona	10339	Anthony	Sanchez	1999-07-27	Umbrella	4.5

Result 38 x