

Enter SQL Statement here:

```
1 SELECT  customers.customerid,  
2         customers.firstname,  
3         customers.lastname,  
4         COUNT(items_ordered.customerid) total_orders,  
5         SUM(items_ordered.price*items_ordered.quantity) total_value  
6 FROM    customers  
7         LEFT JOIN items_ordered  
8         ON customers.customerid = items_ordered.customerid  
9 GROUP   BY customers.customerid,  
10        customers.firstname,  
11        customers.lastname  
12 ORDER  BY total_value DESC;
```

Execute Query

customerid	firstname	lastname	total_orders	total_value
10299	Elroy	Keller	2	1288
10449	Isabela	Moore	6	970.79
10101	John	Gray	6	813.95
10410	Mary Ann	Howell	2	281.72
10330	Shawn	Dalton	3	156.75
10298	Leroy	Brown	5	147.88
10439	Conrad	Giles	2	139
10413	Donald	Davids	1	128
10438	Kevin	Smith	3	95.24
10315	Lisa	Jones	1	8
10339	Anthony	Sanchez	1	4.5
10325	Ginger	Schultz	0	
10329	Kelly	Mendoza	0	
10338	Michael	Howell	0	
10408	Elroy	Cleaver	0	
10419	Linda	Sakahara	0	
10429	Sarah	Graham	0	

Enter SQL Statement here:

```
6          WHEN (items_ordered.price > 50) THEN (items_ordered.price
7          ELSE items_ordered.price*items_ordered.quantity
8      END) discounted
9 FROM      customers
10     LEFT JOIN items_ordered
11     ON customers.customerid = items_ordered.customerid
12 GROUP BY customers.customerid,
13     customers.firstname,
14     customers.lastname
15 HAVING total_value <> discounted
16 ORDER BY total_value DESC;
```

Execute Query

customerid	firstname	lastname	total_value	discounted
10299	Elroy	Keller	1288	1274.2
10449	Isabela	Moore	970.79	928.29
10101	John	Gray	813.95	743.95
10410	Mary Ann	Howell	281.72	261.72
10330	Shawn	Dalton	156.75	142.75
10298	Leroy	Brown	147.88	134.34199999999998
10439	Conrad	Giles	139	123.9
10413	Donald	Davids	128	115.2
10438	Kevin	Smith	95.24	85.24

Enter SQL Statement here:

```
2      customers.firstname,  
3      customers.lastname,  
4      SUM(items_ordered.price*items_ordered.quantity) total_value  
5 FROM customers  
6      LEFT JOIN items_ordered  
7      ON customers.customerid = items_ordered.customerid  
8 GROUP BY customers.customerid,  
9      customers.firstname,  
10     customers.lastname  
11 HAVING (total_value > 20) AND ((state LIKE "Oregon") OR (state LIKE '  
12 ORDER BY total_value DESC;
```

Execute Query

customerid	firstname	lastname	total_value
10449	Isabela	Moore	970.79
10330	Shawn	Dalton	156.75
10298	Leroy	Brown	147.88
10413	Donald	Davids	128