

9. Listar el Número, nombre, apellido, estado, cantidad de Órdenes, monto total comprado por Cliente durante el año 2015 que no sean del estado de Florida.

Mostrar sólo aquellos clientes cuyo monto total comprado sea mayor que el promedio del monto total comprado por Cliente que no sean del estado Florida. Ordenado por total comprado en forma descendente.

```
select c.customer_num, c.fname, c.lname, c.state,
       count(distinct o.order_num) cantOrdenes, sum(i.unit_price * i.quantity) MontoOrdenes
  from customer c join orders o on c.customer_num = o.customer_num
                    join items i on o.order_num = i.order_num
 where c.state != 'FL' and o.order_date between '20150101' and '20151231'
 group by c.customer_num, c.fname, c.lname, c.state
        having sum(i.unit_price * i.quantity) >=
                (select sum(i.unit_price * i.quantity)
                 / count(distinct c.customer_num)
                  from customer c join orders o on c.customer_num = o.customer_num
                    join items i on o.order_num = i.order_num
                 where c.state != 'FL')
 order by MontoOrdenes DESC;
```

10. Seleccionar todos los clientes cuyo monto total comprado sea mayor al de su referente durante el año 2015. Mostrar número, nombre, apellido y los montos totales comprados de ambos durante ese año. Tener en cuenta que un cliente puede no tener referente y que el referente pudo no haber comprado nada durante el año 2015, mostrarlo igual.

```
select c.customer_num, c.fname, c.lname, sum(i.unit_price * i.quantity) MontoOrdenes,
       cr.customer_num, cr.fname, cr.lname, cr.totalRef
  from customer c join orders o on c.customer_num = o.customer_num
                    join items i on o.order_num = i.order_num
 left join (select r.customer_num, r.fname, r.lname,
                  sum(i2.unit_price * i2.quantity) totalRef
             from customer r left join orders o2
                               on r.customer_num = o2.customer_num
                               left join items i2
                               on o2.order_num = i2.order_num
             where o2.order_date between '20150101' and '20151231'
             group by r.customer_num, r.fname, r.lname) cr
    on cr.customer_num = c.customer_num_referredBy
 where o.order_date between '20150101' and '20151231'
 group by c.customer_num, c.fname, c.lname, cr.customer_num, cr.fname, cr.lname, cr.totalRef
 having sum(i.unit_price * i.quantity) > coalesce(cr.totalRef, 0)
 order by MontoOrdenes DESC;
```