Fetch all the Customer Details along with the product names that the customer has ordered.

```
1    select c.*, p.prod_name
2    from customer c, product p, ordered o, order_details od
3    where c.cust_id = o.cust_id and o.order_id = od.order_id and od.prod_id = p.prod_id;
```

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

cust_id	cust_name	prod_name
1	John	Television
1	John	DVD
1	John	Television
2	Smith	Home Theatre
3	Ricky	Chair
3	Ricky	Computer
3	Ricky	Ipod
3	Ricky	Washing Machine
4	Walsh	Washing Machine
4	Walsh	DVD
5	Stefen	Home Theatre
6	Fleming	Panasonic Phone
6	Fleming	Home Theatre
6	Fleming	Washing Machine
7	Thomson	Ipod

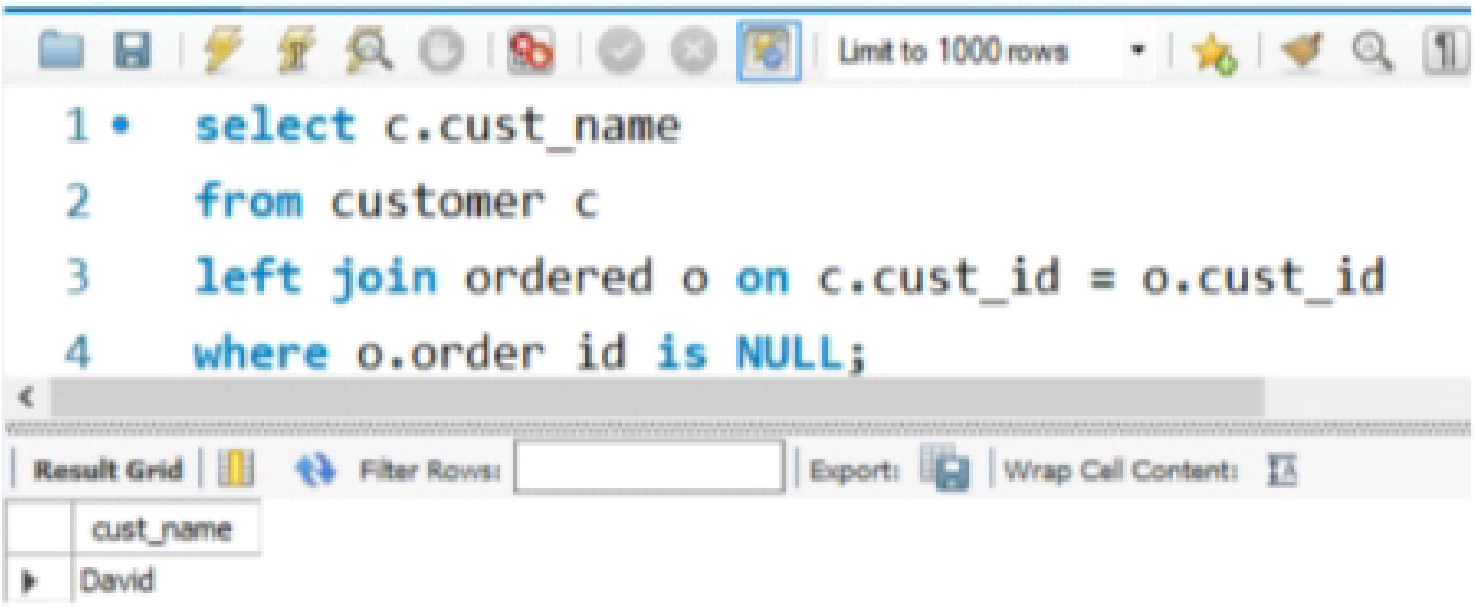
Fetch Order_Id, Ordered_Date, Total Price of the order (product price*qty).

```
1   select o.order_id, o.ordered_date, (p.prod_price*od.quantity) as Total_price
2   from product p, ordered o, order_details od
3   where o.order_id = od.order_id and od.prod_id = p.prod_id;
```

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

order_id	ordered_date	Total_price
1	2005-01-10	7600
1	2005-01-10	10800
2	2006-02-10	38700
3	2005-03-20	3600
3	2005-03-20	71800
3	2005-03-20	12840
4	2006-03-10	7600
5	2007-04-05	38000
5	2007-04-05	3600
6	2006-12-13	3210
7	2008-03-13	2100
8	2004-11-29	38700
8	2004-11-29	7600
9	2005-01-13	58050
10	2007-12-12	19000

Fetch the Customer Name, who has not placed any order



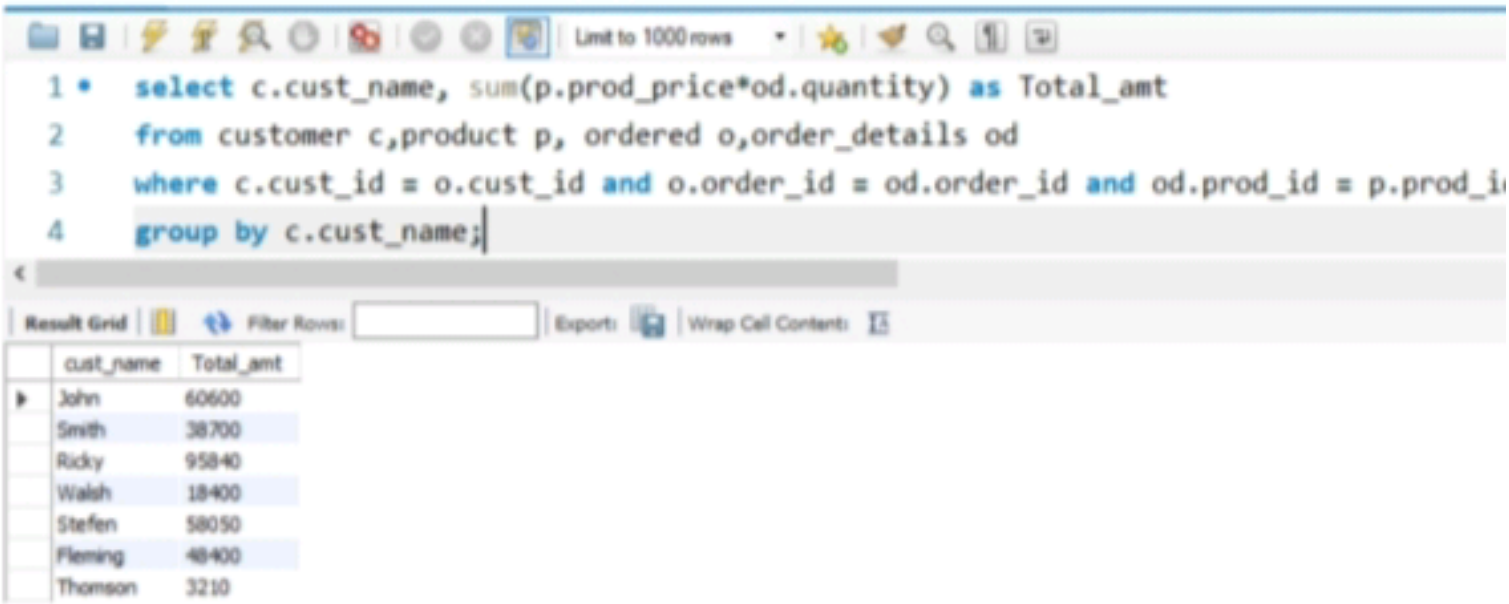
Fetch the Product Details without any order(purchase)

```
1 •  select p.*
2    from product p
3    left join order_details od on p.prod_id = od.prod_id
4    where od.ord det id is NULL;
```

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

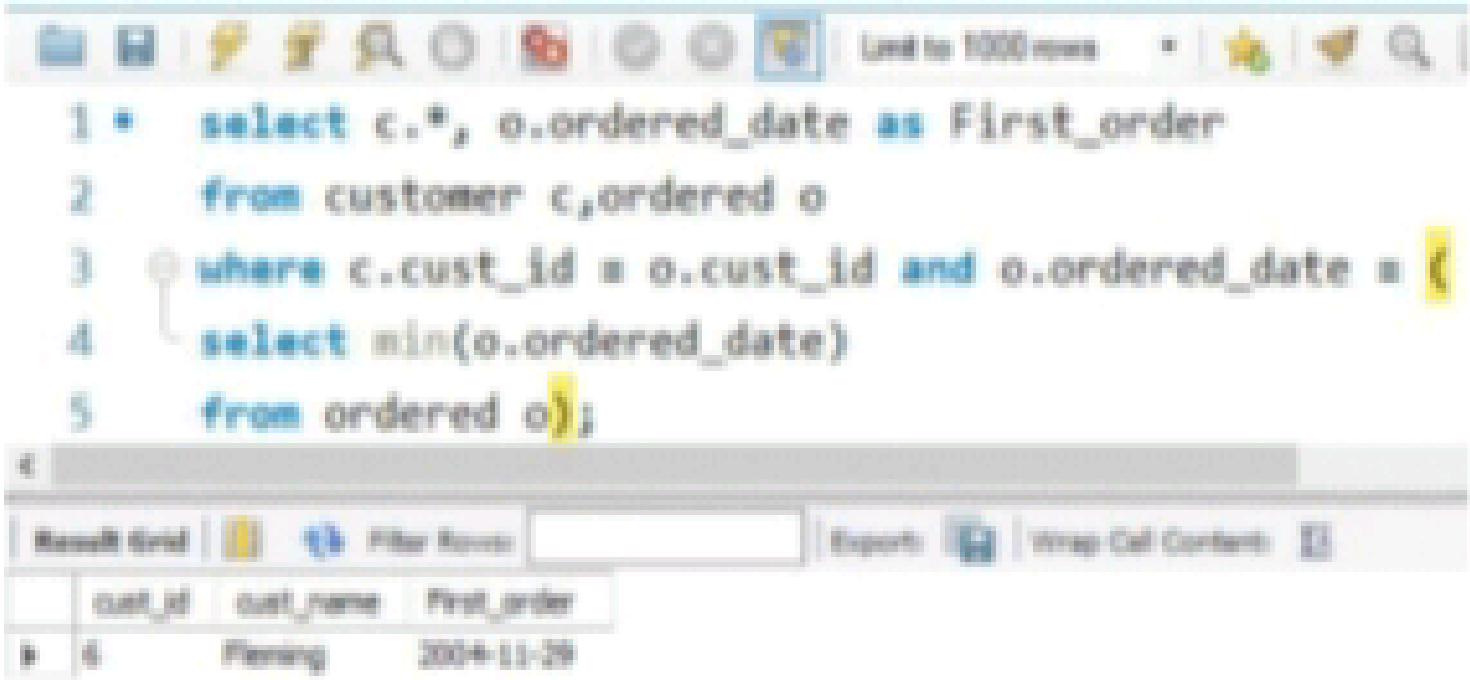
prod_id	prod_name	prod_price
8	Table	490
9	Sound System	12050

Fetch the Customer name along with the total Purchase Amount.



cust_name	Total_amt
John	60600
Smith	38700
Ricky	95840
Walsh	18400
Stefen	58050
Fleming	48400
Thomson	3210

Fetch the Customer details, who has placed the first and last order.

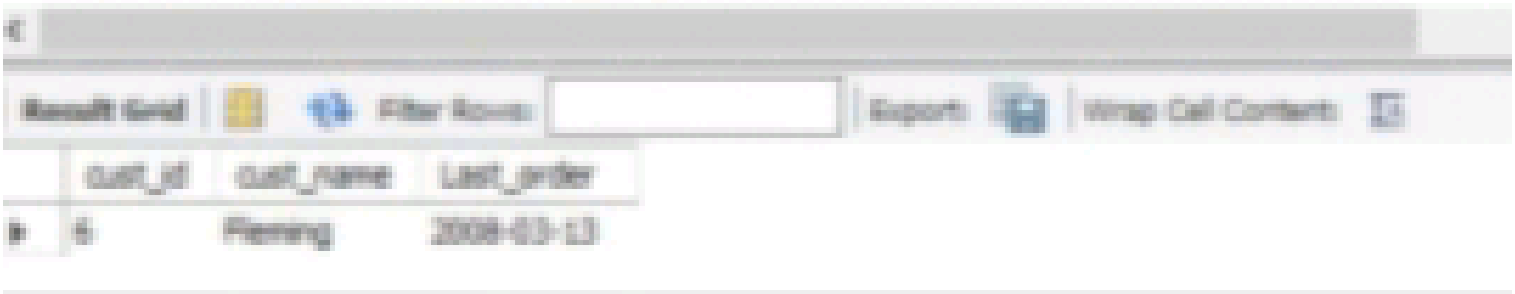


```
1 •  select c.*, o.ordered_date as First_order
2    from customer c,ordered o
3    where c.cust_id = o.cust_id and o.ordered_date = (
4    select min(o.ordered_date)
5    from ordered o);
```

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

cust_id	cust_name	First_order
6	Fleming	2004-11-29

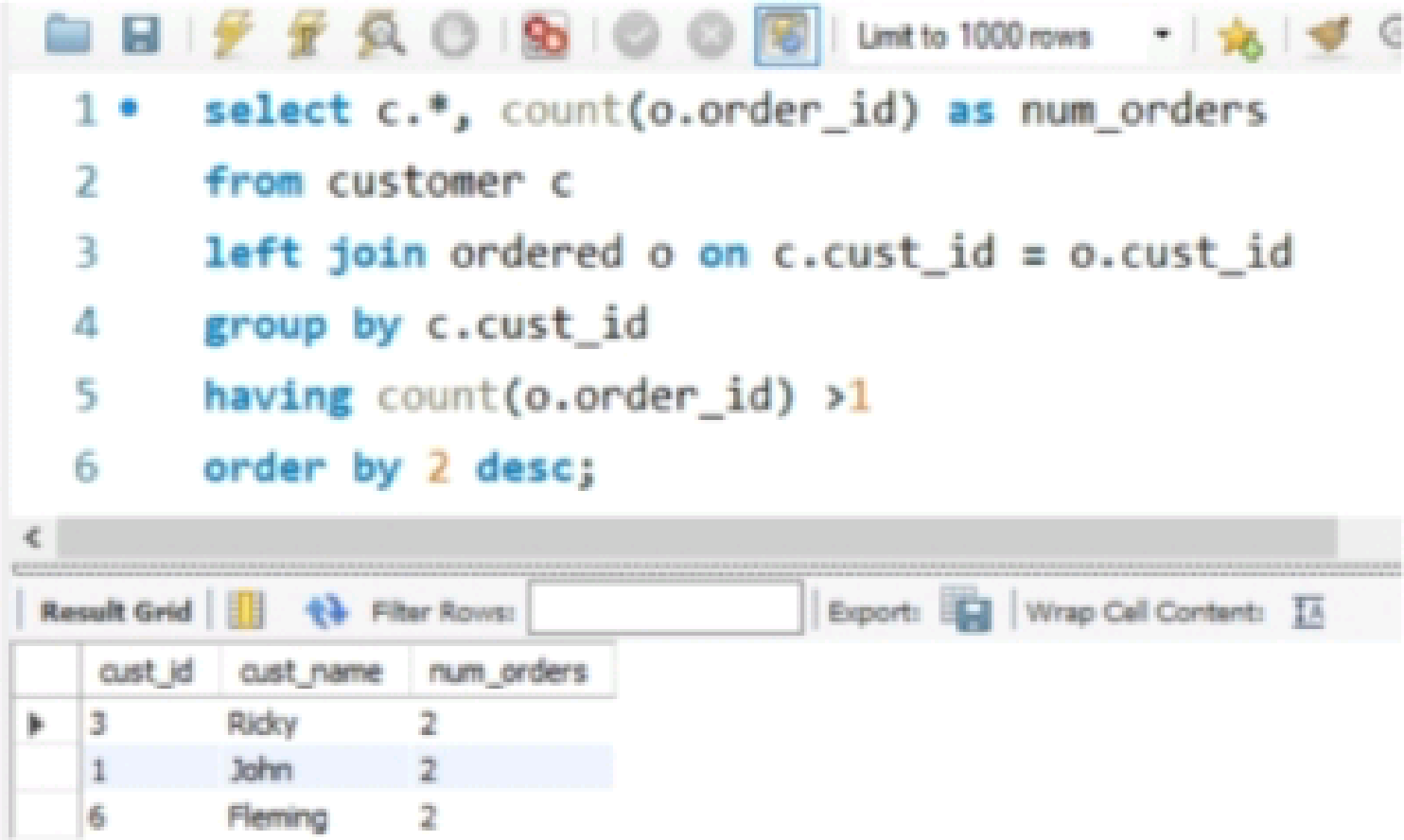
```
1 *   select c.*, o.ordered_date as Last_order
2     from customer c,ordered o
3     where c.cust_id = o.cust_id and o.ordered_date =
4     select max(o.ordered_date)
5     from ordered o);
```



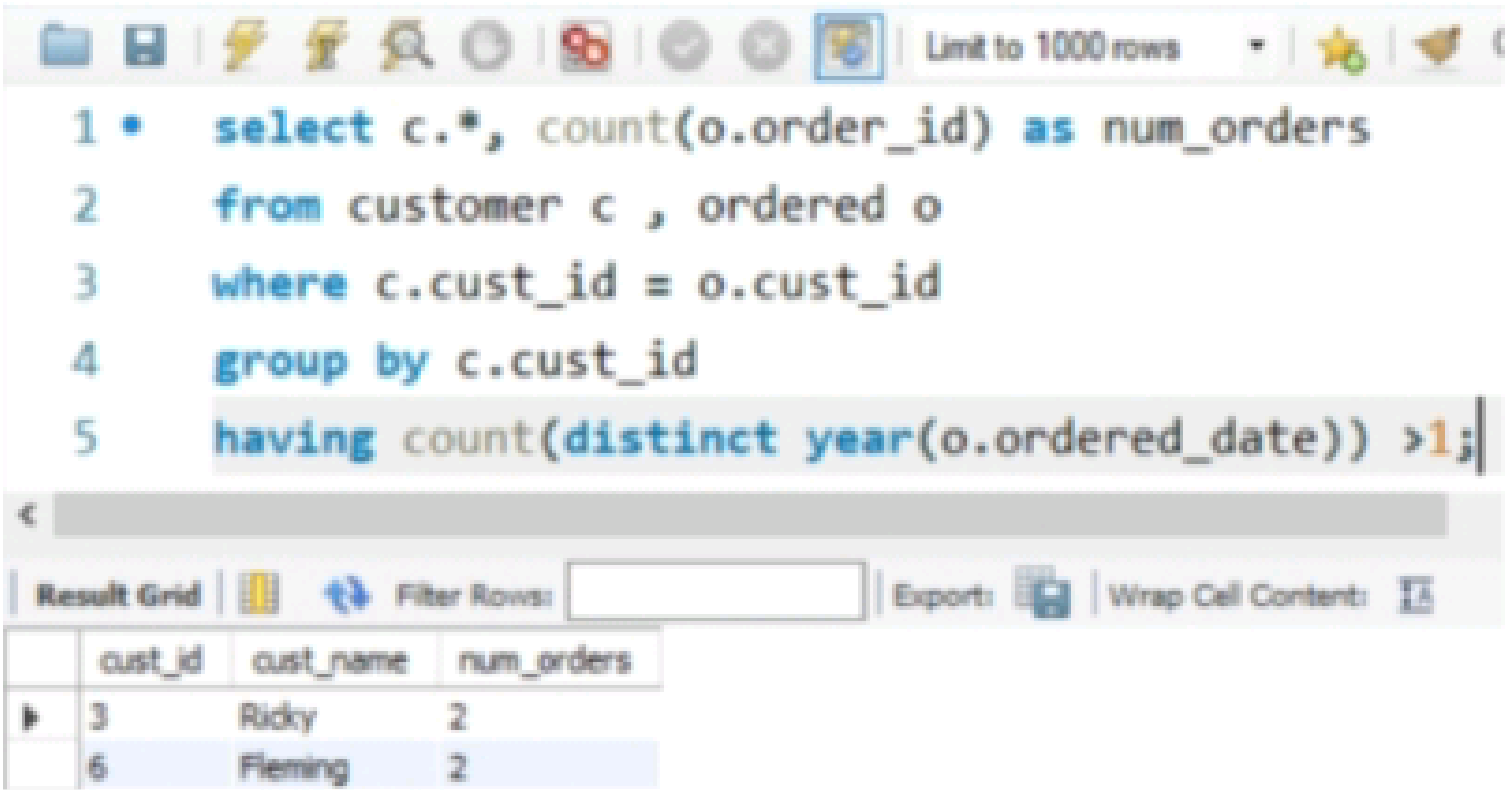
Result Grid | Filter Rows: | Export: | Wrap Cell Content:

cust_id	cust_name	Last_order
6	Fleming	2008-03-13

Fetch the customer details , who has placed more number of orders.



Fetch the customer details, who has placed multiple orders in the same year.

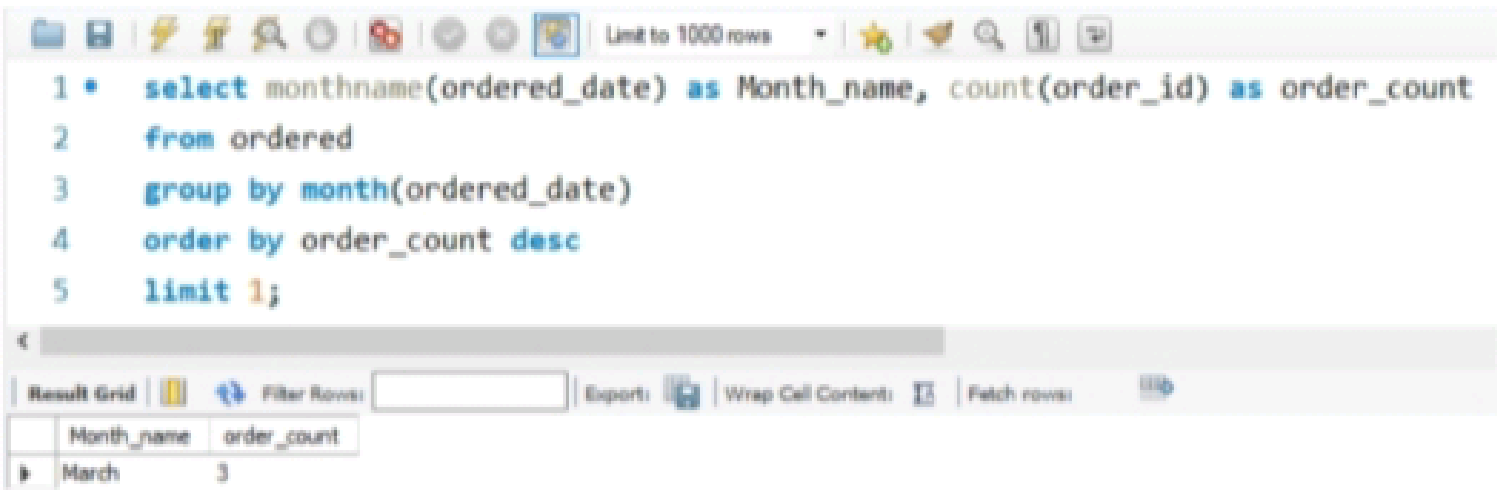


```
1 •  select c.*, count(o.order_id) as num_orders
2    from customer c , ordered o
3    where c.cust_id = o.cust_id
4    group by c.cust_id
5    having count(distinct year(o.ordered_date)) >1;
```

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

cust_id	cust_name	num_orders
3	Ricky	2
6	Fleming	2

Fetch the name of the month, in which more number of orders has been placed.

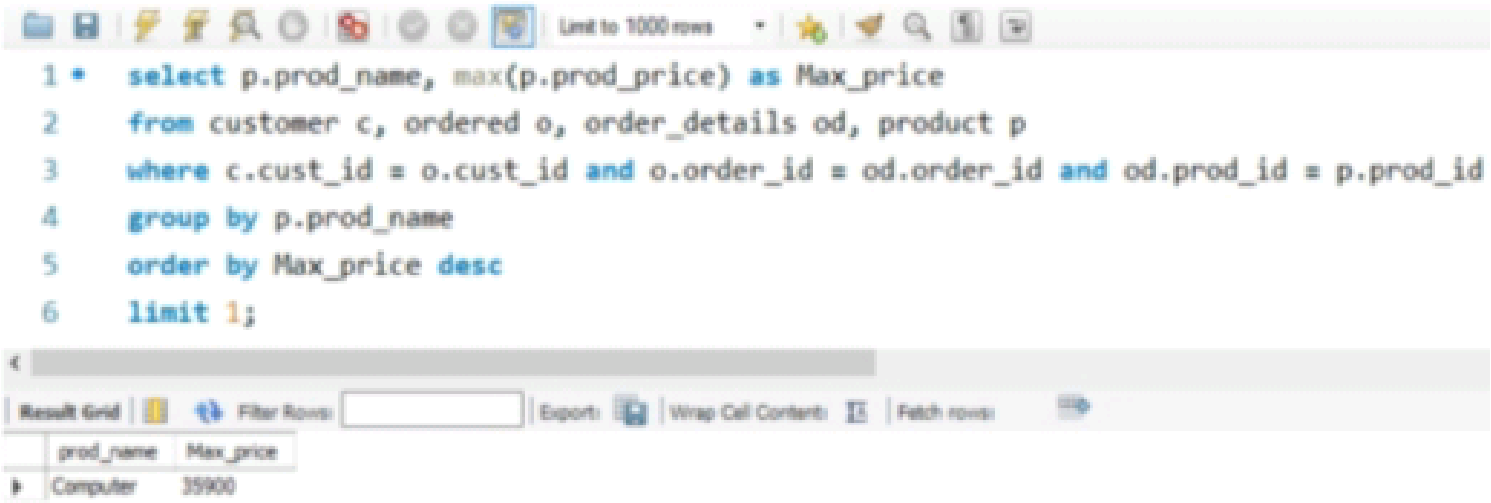


```
1 •  select monthname(ordered_date) as Month_name, count(order_id) as order_count
2    from ordered
3    group by month(ordered_date)
4    order by order_count desc
5    limit 1;
```

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

Month_name	order_count
March	3

Fetch the maximum priced Ordered Product.



```
1 •  select p.prod_name, max(p.prod_price) as Max_price
2    from customer c, ordered o, order_details od, product p
3    where c.cust_id = o.cust_id and o.order_id = od.order_id and od.prod_id = p.prod_id
4    group by p.prod_name
5    order by Max_price desc
6    limit 1;
```

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

prod_name	Max_price
Computer	35900