

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

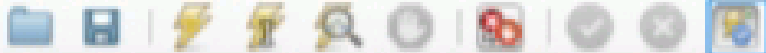



```
1 select o.order_id, o.ordered_date, (p.prod_price*od.quantity) as Total_price
2 from product p, ordered o, order_details od
3 where o.order_id = od.order_id and od.prod_id = p.prod_id;
```





A screenshot of a SQL query result grid. The grid has a header row with columns 'order_id', 'ordered_date', and 'Total_price'. Below the header are 10 rows of data, each with an index number in the first column. The data is as follows:

	order_id	ordered_date	Total_price
1	1	2005-01-10	7600
2	1	2005-01-10	10800
3	2	2006-02-10	38700
4	3	2005-03-20	3600
5	3	2005-03-20	71800
6	3	2005-03-20	12840
7	4	2006-03-10	7600
8	5	2007-04-05	38000
9	5	2007-04-05	3600
10	6	2006-12-13	3210
11	7	2008-03-13	2100
12	8	2004-11-29	38700
13	8	2004-11-29	7600
14	9	2005-01-13	58050
15	10	2007-12-12	19000

Fetch the Customer Name, who has not placed any order

Limit to 1000 rows

```
1 • select c.cust_name
2   from customer c
3  left join ordered o on c.cust_id = o.cust_id
4  where o.order id is NULL;
```

Result Grid   Filter Rows: Export:  Wrap Cell Content: 

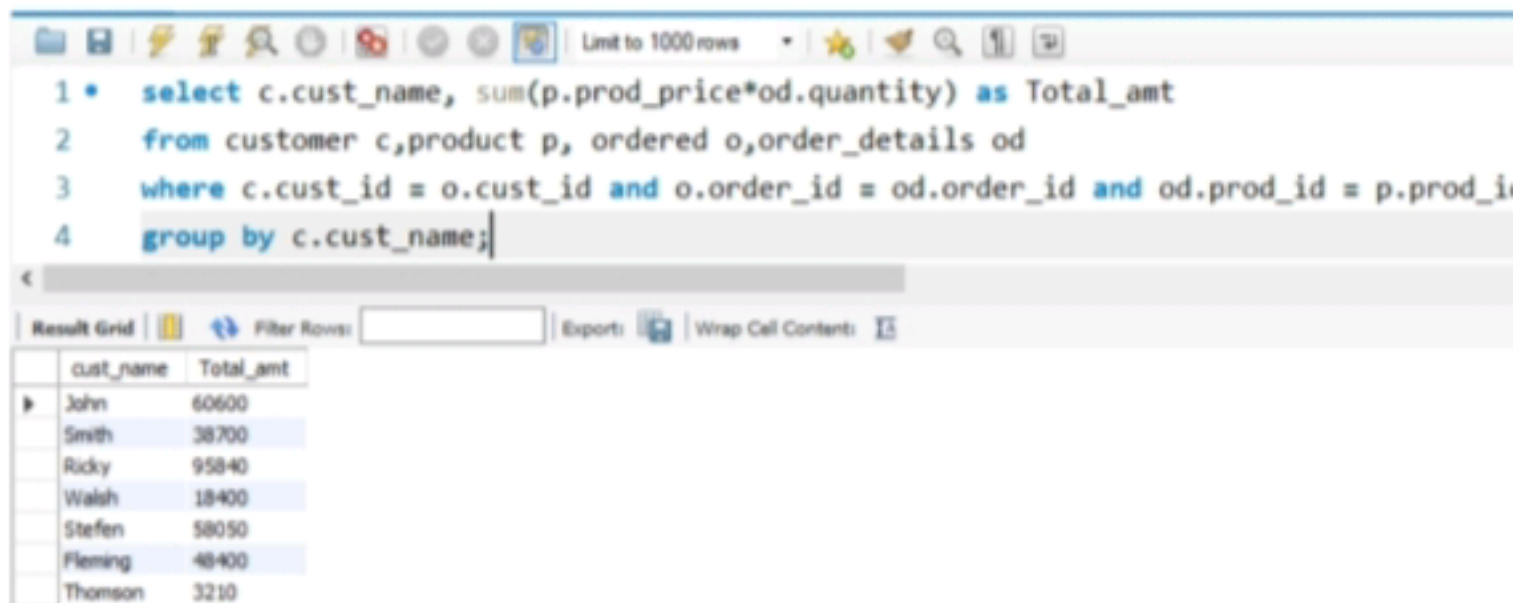
	cust_name
▶	David

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;
```

	prod_id	prod_name	prod_price
▶	8	Table	490
	9	Sound System	12050

Fetch the Customer name along with the total Purchase Amount.



The screenshot shows a SQL query editor interface. At the top, there is a toolbar with various icons and a dropdown menu set to "Limit to 1000 rows". Below the toolbar, the SQL query is entered in a text area:

```
1 • select c.cust_name, sum(p.prod_price*od.quantity) as Total_amt
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
4   group by c.cust_name;
```

Below the query editor, there is a "Result Grid" section. It includes a "Filter Rows:" input field, an "Export:" button, and a "Wrap Cell Content:" checkbox. The results are displayed in a table with two columns: "cust_name" and "Total_amt".

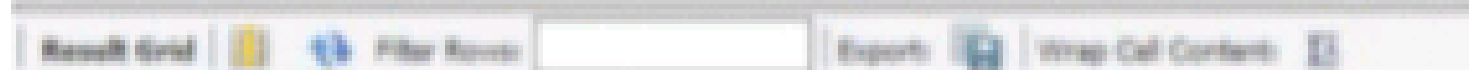
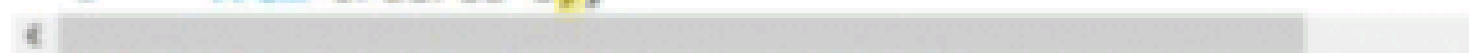
	cust_name	Total_amt
▶	John	60600
	Smith	38700
	Ricky	95840
	Walsh	18400
	Stefen	58050
	Fleming	48400
	Thomson	3210

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);
```








	cust_id	cust_name	First_order
1	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);
```

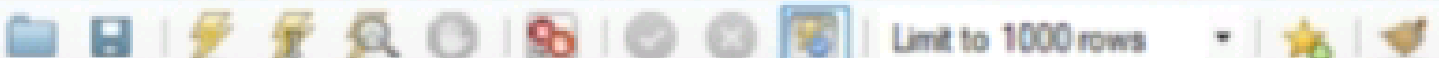
Result Grid			Filter Rows:	Exports:	Wrap Cell Contents:
	cust_id	cust_name	Last_order		
1	6	Piering	2008-03-13		

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

```
1 • select c.*, count(o.order_id) as num_orders
2   from customer c
3  left join ordered o on c.cust_id = o.cust_id
4  group by c.cust_id
5  having count(o.order_id) >1
6  order by 2 desc;
```



Result Grid			Filter Rows: <input type="text"/>	Export: 	Wrap Cell Content: 
	cust_id	cust_name	num_orders		
	3	Ricky	2		
	1	John	2		
	6	Fleming	2		



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;`

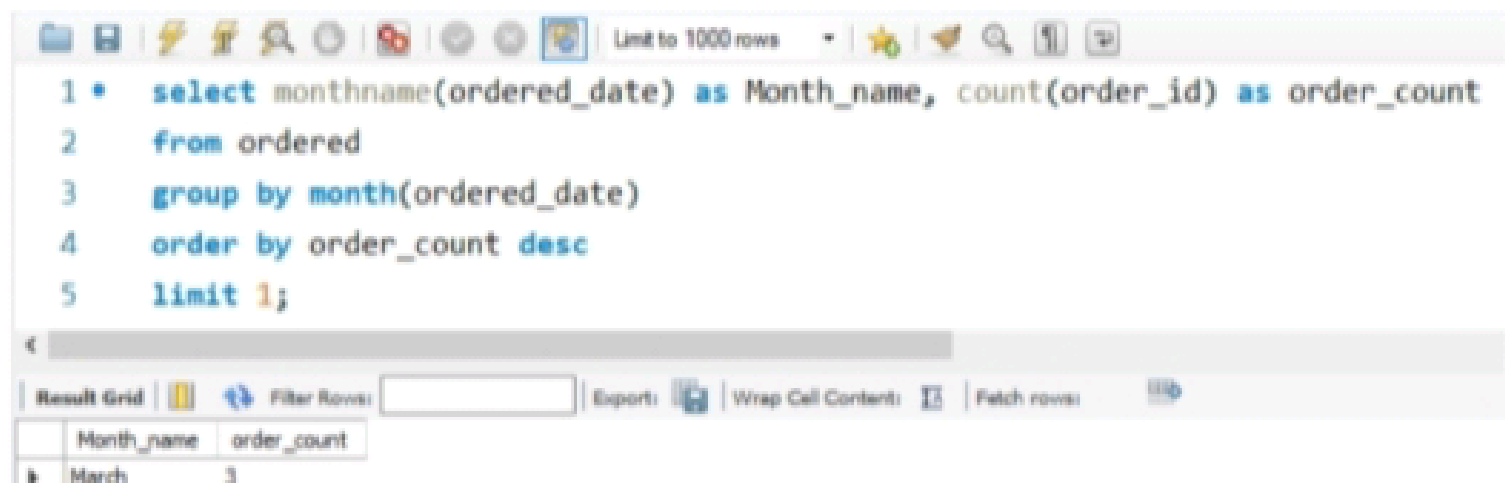
Result Grid

  Filter Rows:

Exports:  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.



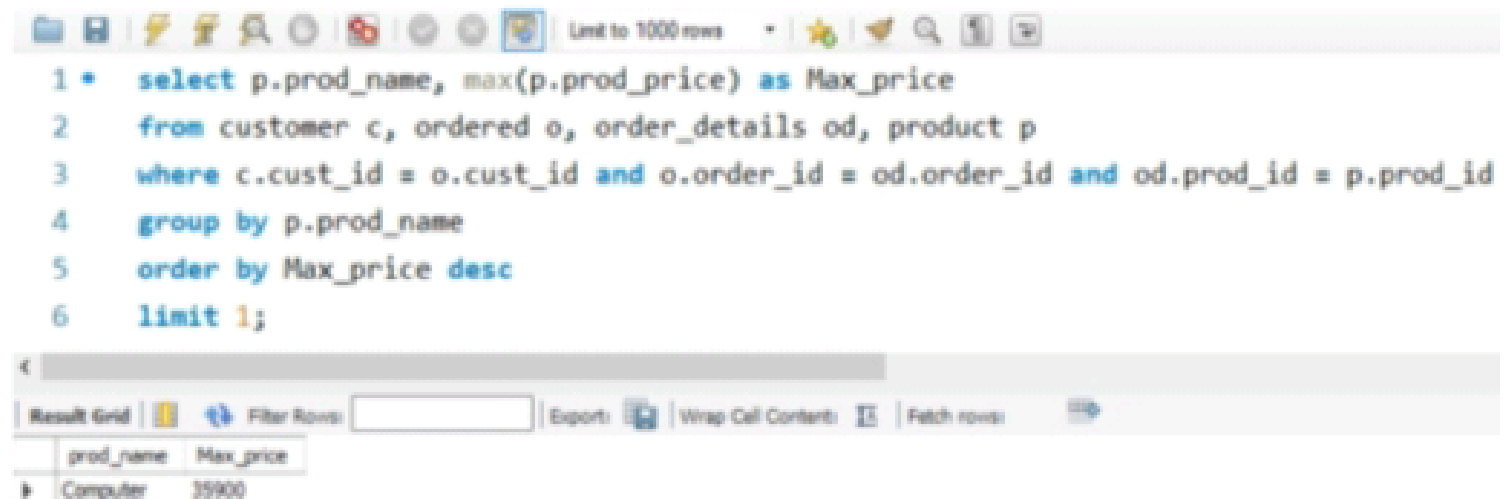
The screenshot shows a SQL query editor interface. The query is as follows:

```
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;
```

Below the query editor, there is a toolbar with various icons for editing and viewing. The results are displayed in a table with the following columns: Month_name and order_count.

Month_name	order_count
March	3

Fetch the maximum priced Ordered Product.



The screenshot shows a SQL query editor interface. The top toolbar includes icons for file operations, execution, and settings, along with a text input for "Limit to 1000 rows". The SQL query is as follows:

```
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;
```

Below the query editor, the "Result Grid" is displayed. It features a toolbar with options like "Filter Rows", "Exports", "Wrap Cell Contents", and "Fetch rows". The results table has two columns: "prod_name" and "Max_price".

prod_name	Max_price
Computer	35900