

```

1 • select Sales_Amount from order_items where Sales_Amount>1000;
2 • select count(city) from customers where city="hyderabad";
3 # order by is used to sort the data in ascending or descending order;
4 • select city from customers order by City ASC;
5 • select Order_ID from customers order by Order_ID ASC;

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
count(city)			
80			

order_items 5 Result 6 customers 7 customers 8

```

1 #The HAVING clause was added to SQL because the WHERE keyword cannot be used with aggregate functions.
2 #The GROUP BY statement groups rows that have the same values into summary rows,
3 • select count(Customer_Name),city from customers group by city;
4 • select count(Customer_Name),city from customers group by city having count(Customer_Name)>100 ;

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
count(Customer_Name) city			
235 Delhi			
242 Ahmedabad			
229 Mumbai			
109 bengaluru			
108 Bangalore			
202 Pune			

```

1 #A subquery is embedded inside another query and acts as input or output for that query, it is also called as inner query or sub query
2 • select City,Order_ID from customers where Order_ID in (select Order_ID from order_items where Units_Sold=0);
3 • select Product_Name from products where Order_ID in(select Order_ID from order_items where Sales_Amount>1000);

```

Result Grid	Filter Rows:	Export:	Wrap Cell Content:
City Order_ID			
Delhi 1034			
Pune 1034			
hyderabad 1034			
Hyd 1034			
Bangalore 1167			
Hyd 1270			
hyderabad 1391			
Hyderabad 1434			
Delhi 1437			
Delhi 1442			
Ahmedabad 1646			
Mumhai 1766			
customers 1 products 2			

Output

p3p1*p2joininnerqueryqueriesSQL File 8*

Don't Limit

```
1 # This join returns only the rows where there is a match in both tables based on the specified join condition.
2 • select customers.Customer_Name,customers.City from customers inner join order_items on customers.Order_ID = order_items.Order_ID;
3 • select customers.city,order_items.Units_Sold from customers inner join order_items on customers.Order_ID=order_items.Order_ID;
4 • select customers.Customer_Name,customers.City,order_items.Units_Sold from customers left join order_items on customers.Order_ID = order_items.Order_ID;
5 • select customers.Customer_Name,customers.City,order_items.Units_Sold from order_items right join customers on customers.Order_ID = order_items.Order_ID;
```

Result GridFilter Rows:Export:Wrap Cell Content:Fetch rows:

	Customer_Name	City	Units_Sold
▶	Brian Thompson	Delhi	NULL
	Shaun Ross	Ahmedabad	NULL
	Sarah Snyder	Mumbai	1
	Sarah Snyder	Mumbai	-1
	Jay Briggs	bengaluru	2
	Jay Briggs	bengaluru	-2
	Jay Briggs	bengaluru	-1
	Maria Blake	hyderabad	1
	Maria Blake	hyderabad	6
	Samuel Miller	Mumbai	6
	John Mclean	Ahmedabad	1