

```

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:	
count(city)	
80	

order\_items 0    Default 0    customers 0    customers 0

```

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:	
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:	
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
Mumbai	1766

customers 1 x products 2

Output:

p3 p1\* p2 join innerquery queries SQL File 8\* | Dont Limit | Filter Rows: | Export: | Wrap Cell Content: | Fetch rows: |

```
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 Grid | Filter 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