

## SQL Exercise 4

1. Display the minimum Status in the Supplier table.  
select sname,status from s227  
where status IN (select min(status) from s227)
2. Display the maximum Weight in the Parts table.  
select pname,weight from p227  
where weight IN (select max(weight) from p227)
3. Display the average Weight of the Parts.  
select avg(weight) from p227
4. Display the total Quantity sold for part 'P1'.  
select sum(qty) from spj227  
where p#='p1'
5. Display the total Quantity sold for each part.  
select p#,sum(qty) from spj227  
group by p#
6. Display the average Quantity sold for each part.  
select p#,avg(qty) from spj227  
group by p#
7. Display the maximum Quantity sold for each part, provided the maximum Quantity is greater than 8.  
select s#,p#,max(qty) from spj227  
where qty > 8  
group by p#,s#
8. Display the Status and the count of Suppliers with that Status.  
select status, count(status) from s227  
group by status
9. Display the count of Projects going on in different cities.  
select city, count(city) from j227  
group by city
10. What is the difference between COUNT(Status) and COUNT(\*) ?  
Count(status): display how many distinct status are present in table  
Count(\*): display how many records are there in table
11. Display the Status and the Count of Suppliers with that Status in the following format as shown below:-

<b>Status</b>	<b>Count</b>
Ten	1
Twenty	2
Thirty	3

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select to_char(to_date(status,'j'),'jsp') status, count(status) from s227  
group by status
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