**1.Display the minimum Status in the Supplier table.**

dbms\_ass1=# select min(status) as minimum\_status from s;

minimum\_status

----------------

10

(1 row)

**2. Display the maximum Weight in the Parts table.**

Dbms\_ass1=# select max(weight) as maximum\_weight from p;

maximum\_weight

----------------

19

(1 row)

**3. Display the average Weight of the Parts.**

dbms\_ass1=# select avg(weight) as average\_weight from p;

average\_weight

---------------------

15.1666666666666667

(1 row)

**4. Display the total Quantity sold for part ‘P1’.**

dbms\_ass1=# select sum(qty) as total\_quantity\_sold\_for\_P1 from sp where "P#"='P1';

total\_quantity\_sold\_for\_p1

----------------------------

1000

(1 row)

**5. Display the total Quantity sold for each part.**

dbms\_ass1=# select "P#",sum(qty) as Total\_quantity\_sold from sp group by "P#";

P# | total\_quantity\_sold

-------+---------------------

P2 | 300

P1 | 1000

P6 | 1300

P4 | 1300

P5 | 1100

P3 | 3500

(6 rows)

**6. Display the average Quantity sold for each part.**

dbms\_ass1=# select "P#",avg(qty) as avg\_quantity\_sold from sp group by "P#";

P# | avg\_quantity\_sold

-------+----------------------

P2 | 150.0000000000000000

P1 | 333.3333333333333333

P6 | 325.0000000000000000

P4 | 650.0000000000000000

P5 | 275.0000000000000000

P3 | 388.8888888888888889

(6 rows)

**7. Display the maximum Quantity sold for each part, provided the maximum Quantity is greater than 800.**

dbms\_ass1=# select "P#",max(qty) as maximum\_quantity\_sold from sp group by "P#" ;

P# | maximum\_quantity\_sold

-------+-----------------------

P2 | 200

P1 | 700

P6 | 500

P4 | 800

P5 | 500

P3 | 800

(6 rows)

dbms\_ass1=# select "P#",max(qty) as maximum\_quantity\_sold from sp group by "P#" having max(qty)>800;

P# | maximum\_quantity\_sold

----+-----------------------

(0 rows)

**8. Display the Status and the count of Suppliers with that Status.**

dbms\_ass1=# select status,count(\*) as Count\_of\_Suppliers from s group by status;

status | count\_of\_suppliers

--------+--------------------

30 | 2

10 | 1

20 | 2

(3 rows)

**9. Display the count of Projects going on in different cities.**

dbms\_ass1=# select city,count(\*) as Count\_of\_Projects from j group by city;

city | count\_of\_projects

--------+-------------------

Rome | 1

Oslo | 1

Paris | 1

London | 2

Athens | 2

(5 rows)

**10. What is the difference between COUNT(Status) and COUNT(\*) ?**

**To count the number of rows in a specified column.**

dbms\_ass1=# select count(status) from s;

count

-------

5

(1 row)

**Using the asterisk is equivalent to selecting all the columns in a table.**

dbms\_ass1=# select count(\*) from s;

count

-------

5

(1 row)