

## SQL Exercise 6

**1. Display all the Suppliers with the same Status as the supplier, 'CLARK'.**

**Ans:** SELECT \*

-> FROM supplier

-> WHERE Status = (SELECT Status FROM supplier WHERE SName = 'CLARK');

S#	Sname	Status	City
S4	CLARK	1	NULL
S5	JAMES	1	NULL

**2. Display all the Employees in the same department as the employee 'MILLER'.**

**Ans:** SELECT EmpName

-> FROM employee

-> WHERE Department = (SELECT Department FROM employee WHERE EmpName = 'MILLER');

EmpName
Alice
Bob
MILLER

**3. Display all the Parts which have more Weight than all the Red parts.**

**Ans:** SELECT Pname

-> FROM parts

-> WHERE Weight > ALL (SELECT Weight FROM parts WHERE Color = 'Red');

Pname
Part2
Part3
Sahil
Part5

**4. Display all the Projects going on in the same city as the project 'TAPE'.**

**Ans:** SELECT Jname, City

-> FROM projects

-> WHERE City = (SELECT City FROM projects WHERE Jname = 'TAPE');

Jname	City
TAPE	Delhi
RIBBON	Delhi

**5. Display all the Parts with Weight less than all the Green parts.**

**Ans:** SELECT Pname

-> FROM parts

-> WHERE Weight < ALL (SELECT Weight FROM parts WHERE Color = 'Green');

Pname
Part1
Part2

**6. Display the name of the Supplier who has sold the maximum Quantity (in one**

sale).

**Ans: SELECT SName**

**-> FROM supplier**

**-> WHERE `S#` = (SELECT `S#` FROM `supplier-parts-project` ORDER BY Qty  
DESC LIMIT 1);**

SName
lela block JAMES

**7. Display the name of the Employee with the minimum Salary.**

**Ans: SELECT EmpName**

**-> FROM employee**

**-> WHERE Salary = (SELECT MIN(Salary) FROM employee);**

EmpName
Emma

**8. Display the name of the Supplier who has sold the maximum overall Quantity (sum of Sales).**

**Ans: SELECT SName**

**-> FROM supplier**

**-> WHERE `S#` = (SELECT `S#` FROM `supplier-parts-project` GROUP BY `S#`  
ORDER BY SUM(Qty) DESC LIMIT 1);**

SName
lela
block
JAMES

**9. Display the name of the Department with the maximum number of Employees.**

**Ans:**

**SELECT Department**

**-> FROM employee**

**-> GROUP BY Department**

**-> ORDER BY COUNT(\*) DESC**

**-> LIMIT 1;**

Department
Finance