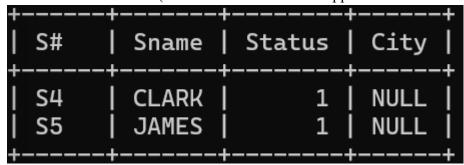
SQL Exercise 6

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');



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');



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

Ans: SELECT Pname

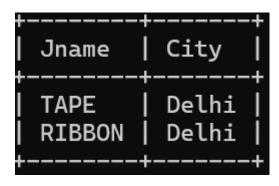
- -> FROM parts
- -> WHERE Weight > ALL (SELECT Weight FROM parts WHERE Color = 'Red');



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

Ans: SELECT Jname, City

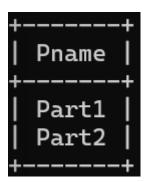
- -> FROM projects
- -> WHERE City = (SELECT City FROM projects WHERE Jname = 'TAPE');



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');

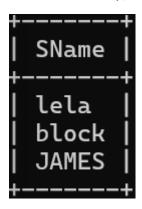


6. Display the name of the Supplier who has sold the maximum Quantity (in one

sale).

Ans: SELECT SName

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



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

Ans: SELECT EmpName

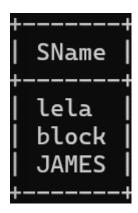
- -> FROM employee
- -> WHERE Salary = (SELECT MIN(Salary) FROM employee);



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);



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;

