

SQL Exercise 5

1. Display the Supplier name and the Quantity sold.
➔ `SELECT S.SNAME, SPJ.QTY FROM S, SPJ
WHERE S.`S#` = SPJ.`S#`;`
2. Display the Part name and Quantity sold.
➔ `SELECT P.PNAME, SPJ.QTY FROM P, SPJ
WHERE P.`P#` = SPJ.`P#`;`
3. Display the Project name and Quantity sold.
➔ `SELECT J.JNAME, SPJ.QTY FROM J, SPJ
WHERE J.`J#` = SPJ.`J#`;`
4. Display the Supplier name, Part name, Project name and Quantity sold.
➔ `SELECT S.SNAME "SUPPLIER NAME", P.PNAME "PART NAME",
J.JNAME "PROJECT NAME", SPJ.QTY FROM S, P, J, SPJ
WHERE S.`S#` = SPJ.`S#` AND P.`P#` = SPJ.`P#` AND J.`J#` = SPJ.`J#`;`
5. Display the Supplier name, Supplying Parts to a Project in the same City.
➔ `SELECT S.SNAME "SUPPLIER NAME", P.PNAME "PART NAME",
J.JNAME "PROJECT NAME", S.CITY FROM S, P, J, SPJ
WHERE S.`S#` = SPJ.`S#` AND P.`P#` = SPJ.`P#` AND J.`J#` = SPJ.`J#` AND
S.`CITY` = P.`CITY`;`
6. Display the Part name that is 'Red' is color, and the Quantity sold.
➔ `SELECT P.PNAME "PART NAME", SPJ.QTY "QUANTITY" FROM P, SPJ
WHERE P.`P#` = SPJ.`P#` AND P.COLOR='RED';`
7. Display all the Quantity sold by Suppliers with the Status = 20.
➔ `SELECT S.SNAME "SUPPLIERS" , SPJ.QTY FROM S, SPJ
WHERE S.`S#` = SPJ.`S#` AND S.STATUS = 20;`
8. Display all the Parts and Quantity with a Weight > 14.
➔ `SELECT P.PNAME "PARTS" , SPJ.QTY FROM P, SPJ
-> WHERE P.`P#` = SPJ.`P#` AND P.WEIGHT>14;`
9. Display all the Project names and City, which has bought more than 500 Parts.
➔ `SELECT J.JNAME "PROJECTS", J.CITY FROM J, SPJ
WHERE J.`J#`=SPJ.`J#` AND SPJ.QTY>500;`
10. Display all the Part names and Quantity sold that have a Weight less than 15.
➔ `SELECT P.PNAME "PART NAME", SPJ.QTY "QUANTITY" FROM P, SPJ`

WHERE P.`P#` = SPJ.`P#` AND P.WEIGHT < 15;

11. Display all the Employee names and the name of their Managers.

➔ SELECT EMPLOYEE.ENAME, MANAGER.MNAME FROM EMPLOYEE,
MANAGER
WHERE EMPLOYEE.MID = MANAGER.MID;