

QDEL

<u>delno</u>	delqty	itemname	deptname	splno
51	50	Pocket knife—Nile	Navigation	105
52	10	Pocket knife—Nile	Books	105
53	10	Pocket knife—Nile	Clothes	105
54	10	Pocket knife—Nile	Equipment	105
55	10	Pocket knife—Nile	Furniture	105
56	10	Pocket knife—Nile	Recreation	105
57	50	Compass	Navigation	101
58	10	Geopositioning system	Navigation	101
59	10	Map measure	Navigation	101
60	25	Map case	Navigation	101
61	2	Sextant	Navigation	101
62	1	Sextant	Equipment	105
63	20	Compass	Equipment	103
64	1	Geopositioning system	Books	103
65	15	Map measure	Navigation	103
66	1	Sextant	Books	103
67	5	Sextant	Recreation	102
68	3	Sextant	Navigation	104
69	5	Boots—snakeproof	Clothes	105
70	15	Pith helmet	Clothes	105
71	1	Pith helmet	Clothes	101
72	1	Pith helmet	Clothes	102
73	1	Pith helmet	Clothes	103
74	1	Pith helmet	Clothes	104
75	5	Pith helmet	Navigation	105
76	5	Pith helmet	Books	105
77	5	Pith helmet	Equipment	105
78	5	Pith helmet	Furniture	105
79	5	Pith helmet	Recreation	105
80	10	Pocket knife—Nile	Navigation	102
81	1	Compass	Navigation	102
82	1	Geopositioning system	Navigation	102
83	10	Map measure	Navigation	102
84	5	Map case	Navigation	102
85	5	Compass	Books	102
86	5	Pocket knife—Avon	Recreation	102
87	5	Tent—2 person	Recreation	102
88	2	Tent—8 person	Recreation	102
89	5	Exploring in 10 Easy Lessons	Navigation	102
90	5	How to Win Foreign Friends	Navigation	102
91	10	Exploring in 10 Easy Lessons	Books	102
92	10	How to Win Foreign Friends	Books	102

QDEPT

<u>deptname</u>	deptfloor	deptphone	empno
Management	5	34	1
Books	1	81	4
Clothes	2	24	4
Equipment	3	57	3
Furniture	4	14	3
Navigation	1	41	3
Recreation	2	29	4
Accounting	5	35	5
Purchasing	5	36	7
Personnel	5	37	9
Marketing	5	38	2

QEMP

<u>empno</u>	empfname	empsalary	deptname	bossno
1	Alice	75000	Management	
2	Ned	45000	Marketing	1
3	Andrew	25000	Marketing	2
4	Clare	22000	Marketing	2
5	Todd	38000	Accounting	1
6	Nancy	22000	Accounting	5
7	Brier	43000	Purchasing	1
8	Sarah	56000	Purchasing	7
9	Sophie	35000	Personnel	1
10	Sanjay	15000	Navigation	3
11	Rita	15000	Books	4
12	Gigi	16000	Clothes	4
13	Maggie	16000	Clothes	4
14	Paul	11000	Equipment	3
15	James	15000	Equipment	3
16	Pat	15000	Furniture	3
17	Mark	15000	Recreation	3

QSPL

<u>splno</u>	splname
101	Global Books & Maps
102	Nepalese Corp.
103	All Sports Manufacturing
104	Sweatshops Unlimited
105	All Points, Inc.
106	São Paulo Manufacturing

QSALE

<u>saleno</u>	<u>saleqty</u>	<u>itemname</u>	<u>deptname</u>
1001	2	Boots—snakeproof	Clothes
1002	1	Pith helmet	Clothes
1003	1	Sextant	Navigation
1004	3	Hat—polar explorer	Clothes
1005	5	Pith helmet	Equipment
1006	1	Pocket knife—Nile	Clothes
1007	1	Pocket knife—Nile	Recreation
1008	1	Compass	Navigation
1009	1	Geopositioning system	Navigation
1010	5	Map measure	Navigation
1011	1	Geopositioning system	Books
1012	1	Sextant	Books
1013	3	Pocket knife—Nile	Books
1014	1	Pocket knife—Nile	Navigation
1015	1	Pocket knife—Nile	Equipment
1016	1	Sextant	Clothes
1017	1	Sextant	Equipment
1018	1	Sextant	Recreation
1019	1	Sextant	Furniture
1020	1	Pocket knife—Nile	Furniture
1021	1	Exploring in 10 Easy Lessons	Books
1022	1	How to Win Foreign Friends	Books
1023	1	Compass	Books
1024	1	Pith helmet	Books
1025	1	Elephant polo stick	Recreation
1026	1	Camel saddle	Recreation

QITEM

<u>itemname</u>	<u>itemtype</u>	<u>itemcolor</u>
Boots—snakeproof	C	Green
Camel saddle	R	Brown
Compass	N	—
Elephant polo stick	R	Bamboo
Exploring in 10 Easy Lessons	B	—
Geopositioning system	N	—
Hammock	F	Khaki
Hat—polar explorer	C	White
How to Win Foreign Friends	B	—
Map case	E	Brown
Map measure	N	—
Pith helmet	C	Khaki
Pocket knife—Avon	E	Brown
Pocket knife—Nile	E	Brown
Safari chair	F	Khaki
Safari cooking kit	F	—
Sextant	N	—
Stetson	C	Black
Tent—2 person	F	Khaki
Tent—8 person	F	Khaki

1. List the green items of type C.
2. Find the names of green items sold by the Recreation department.
3. Find the items not delivered to the Books department.
4. Find the departments that have never sold a geo positioning system.
5. Find the departments that have sold compasses and at least two other items.
6. Find the departments that sell at least four items.
7. Find the employees who are in a different department from their manager's department.
8. Find the employees whose salary is less than half that of their manager's.
9. Find the green items sold by no department on the second floor.
10. Find the items delivered by all suppliers.
11. Find the items delivered by at least two suppliers.
12. Find the items not delivered by Nepalese Corp.
13. Find the items sold by at least two departments.
14. Find the items delivered for which there have been no sales.
15. Find the items delivered to all departments except Administration.
16. Find the name of the highest-paid employee in the Marketing department.
17. Find the names of employees who make 10 percent less than the average salary.
18. Find the names of employees with a salary greater than the minimum salary paid to a manager.
19. Find the names of suppliers that do not supply compasses or geo positioning systems.
20. Find the number of employees with a salary under \$ 10,000.
21. Find the number of items of type A sold by the departments on the third floor.
22. Find the number of units sold of each item.
23. Find the green items delivered by all suppliers.
24. Find the supplier that delivers no more than one item.
25. Find the suppliers that deliver to all departments.
26. Find the suppliers that deliver to all the departments that also receive deliveries from supplier 102.
27. Find the suppliers that have never delivered a compass.
28. Find the type A items delivered by Sao Paulo Manufacturing.
29. Find, for each department, its floor and the average salary in the department.
30. If Nancy's boss has a boss, who is it?
31. List each employee and the difference between his or her salary and the average salary of his or her department.
32. List the departments on the second floor that contain more than one employee.
33. List the departments on the second floor.
34. List the names of employees who earn more than the average salary of employees in the Shoe department.
35. List the names of items delivered by each supplier. Arrange the report by supplier name, and within supplier name, list the items in alphabetical order.
36. List the names of managers who supervise only one person.
37. List the number of employees in each department.
38. List the green items delivered by exactly one supplier.
39. Whom does Todd manage?
40. List the departments that have not sold all green items.

SQL Revision Exercises

41. Find the first name of Sophie's boss.
42. Find the names of employees who make less than half their manager's salary.
43. List the names of each manager and their employees arranged by manager's name and employee's name within manager.
44. Who earns the lowest salary?
45. List the names of employees who earn less than the minimum salary of the Marketing department.
46. List the items sold by every department to which all brown items have been delivered.
47. List the department and the item where the department is the only seller of that item.
48. List the brown items sold by the Books department and delivered by All Seasons.
49. Which department has the highest average salary?
50. List the supplier that delivers all and only brown items.