Practice SQL Interview questions

There's no better way to improve your SQL skills than to practice with some real SQL interview questions – and these SQL practice problems are a great way to improve your SQL online. We recommend first creating the following simple tables presented below in the RDBMS software of your choice – MySQL, Oracle, DB2, SQL Server, etc, and then actually try to figure out the answer on your own if possible.

The following SQL practice exercises were actually taken from real interview tests with Google and Amazon. Once again, we highly recommended that you try finding the answers to these SQL practice exercises on your own before reading the given solutions. The practice problems are based on the tables presented below.

Salesperson

ID	Name	Age	Salary
1	Abe	61	140000
2	Bob	34	44000
5	Chris	34	40000
7	Dan	41	52000
8	Ken	57	115000
11	Joe	38	38000

Customer

ID	Name	City	Industry_Type
4	Samsonic	pleasant	J
6	Panasung	oaktown	J
7	Samony	jackson	B
9	Orange	Jackson	B

Orders

Number	Order_date	cust_id	salesperson_id	Amount
10	8/2/96	4	2	540
20	1/30/99	4	8	1800
30	7/14/95	9	1	460
40	1/29/98	7	2	2400
50	2/3/98	6	7	600
60	3/2/98	6	7	720
70	5/6/98	9	7	150

Given the tables above, find the following:

a. The names of all salespeople that have an order with Samsonic.

b. The names of all salespeople that do not have any order with Samsonic.

c. The names of salespeople that have 2 or more orders.

d. Write a SQL statement to insert rows into a table called highAchiever(Name, Age), where a salesperson must have a salary of 100,000 or greater to be included in the table.