Course: Fundamentals to Database

Level: 7

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Homework

Exercise 1: Write appropriate SQL DDL statements for declaring the ORDERD relational database.

salesman

salesman_id	name	city	commission
5001	James Hoog	New York	0.15
5002	Nail Knite	Paris	0.13
5005	Pit Alex	London	0.11

orders

ord_no	purch_amt	ord_date	customer_id	salesman_id
70001	150.5	2012-10-05	3001	5002
70009	270.65	2012-09-10	3001	5002
70002	65.26	2012-10-05	3002	5001

Customer

customer_id	name	city	grade	salesman_id
3002	Nick Rimando	New York	300	5001
3005	Graham Zusi	California	200	5002
3001	Brad Guzan	London	100	5005

Specify the following queries in SQL on the ORDERD relational database, Show the result of each query if it is applied to the ORDERD database:

a) Retrieve the order number followed by order date and the purchase amount for each order which will be delivered by the salesman who is holding the ID 5001.
b) Retrieve the value of salesman id of all salesmen, getting orders from the customers in orders table without any repeats.
c) Retrieve all the information of customer who ordered number 70002.
d) Retrieve number of orders for customer whose is ID 3001.
e) Retrieve maximum grade of customers.