

Graded Lab 3

Introduction to Database Systems-LAB CL-102 (Section D11)

Time: 9:00-10:00 AM

Dated: 7-June-2023

Instruction

- Write down your query on MS Word (.docx)
- Name and Registration number on header of page

TASK 1

1. Create the following tables and write a SQL query to find salespeople who received commissions of more than 12 percent from the company. Return Customer Name, customer city, Salesman, commission.

Note: Use Inner join

table: customer

customer_id	cust_name	city	grade	salesman_id
3002	Nick Rimando	New York	100	5001
3007	Brad Davis	New York	200	5001
3005	Graham Zusi	California	200	5002
3008	Julian Green	London	300	5002
3004	Fabian Johnson	Paris	300	5006
3009	Geoff Cameron	Berlin	100	5003
3003	Jozy Altidor	Moscow	200	5007
3001	Brad Guzan	London		5005

table: 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
5006	Mc Lyon	Paris	0.14
5007	Paul Adam	Rome	0.13
5003	Lauson Hen	San Jose	0.12

Output of the Query:

Customer Name	city	Salesman	commission
Nick Rimando	New York	James Hoog	0.15
Brad Davis	New York	James Hoog	0.15
Graham Zusi	California	Nail Knite	0.13
Julian Green	London	Nail Knite	0.13
Fabian Johnson	Paris	Mc Lyon	0.14
Jozy Altidor	Moscow	Paul Adam	0.13

2. From the above tables write a SQL query to locate those salespeople who do not live in the same city where their customers live and have received a commission of more than 12% from the company. Return Customer Name, customer city, Salesman, salesman city, commission.

Output of the Query:

Customer Name	city	Salesman	city	commission
Graham Zusi	California	Nail Knite	Paris	0.13
Julian Green	London	Nail Knite	Paris	0.13
Jozy Altidor	Moscow	Paul Adam	Rome	0.13