

DBMS Lab-7

Q1. Configure sqldeveloper and connect to cloud database. Create and insert following values into the tables – [15 Marks]

Order Table

ord_no	purch_amt	ord_date	customer_id	salesman_id
701	150.5	05-10-2012	3005	5002
702	270.65	10-09-2012	3001	5005
703	65.26	05-10-2012	3002	5001
704	110.5	17-08-2012	3001	5003
705	948.5	05-09-2012	3003	5002
706	2400.6	10-11-2012	3004	5001
707	5760	10-09-2012	3002	5004
708	2480.4	10-11-2012	3005	5003
709	250.45	27-06-2012	3003	5002

Salesman Table

salesman_id	name	city	Commission percent
5001	James Hoog	New York	0.15
5002	Nail Knite	Paris	0.13
5003	Pit Alex	London	0.11
5004	Mc Lyon	Paris	0.14
5005	Lauson Hen	Berlin	0.12

Customer Table

customer_id	cust_name	city
3001	Nick Rimando	New York
3002	Graham Zusi	California
3003	Brad Guzan	London
3004	Fabian Johns	Paris
3005	Geoff Camero	Berlin

Q2. Display the commissions earned by each salesman [10 Marks]

[Commission of salesman = total sales (i.e. sum of purch_amt's for the salesman) * commission percent of salesman]

Q3. Display the name and city of all customers who have placed orders on the same date after the month of September. (Use Join – Explicit or Implicit) [10 Marks]

Q4. Write an SQL query to retrieve the name and city of Salesman who has the THIRD highest commission percentage. [10 Marks]