

Lab Exercise – SQL Select Queries

1. Create the following tables in Oracle

Salesman Table

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

Customer Table

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

Note: Please use the proper data types and apply the appropriate constraints

2. Write the Select query based on the following requirements
 - a. Retrieve all salesman records
 - b. Retrieve only the customer name and grade
 - c. Retrieve the record of a salesman with salesman id of 5007.
 - d. Retrieve all customers who live in New York
 - e. Retrieve all customers with grade between 100 to 200
 - f. Retrieve all customers whose name starts with J

- g. Compute a commission for the salesmen by multiplying commission with 5000, create an alias and sort the results in a descending order.
- h. Retrieve customer names with grade greater than 200.
- i. Retrieve a customer whose grade is greater than 200 and who lives in London.
- j. Retrieve salesmen who lives in New York or Paris

Join Queries

- 1. Retrieve all customers with their salesman names.
- 2. Retrieve all customers who live in the same city as their salesman
- 3. Retrieve all customers with their salesman names and who has a grade of 300 and live in London.