Introduction to Database Systems – Lab

Nested Queries & Aggregate Functions

Note: Use ‘**Classic Model’** database for following questions.

Use **Nested Query** approach to solve all following questions

1. Write a query that returns first name and last name of those employees who work in the offices located in the USA.
2. Write a query that returns the total number of employees who has an ‘a’ in their name.
3. Write a query that returns the total number of employees whose customers payment amount is greater than 70000.
4. Write a query that returns the customers who has the pay more than 1000 and less 5000 payment.
5. Write a query to find customers Name and phone number who order year is 2003 and shipped date is also 2003.
6. Write a query to find the customers who have not placed any orders.
7. write a query to display product code and name whose order quantity is greater than 30 and less than 50
8. Write a query to display customers name whose order status is Cancelled and price of that order is greater than 50.
9. Write a query that display order number of those orders whose total amount are greater than 60K.
10. Sum the total amount payable in the year 2004.
11. Write a query to display customer name and total amount of payments they have to pay for all of their orders.
12. Write a query to display product name and total amount of quantities ordered for that specific product till date.
13. Count the number of customers who has ordered a single product with the quantity greater than 5.
14. Write query to display maximum, minimum and average amount payable by each customer along with their names.
15. Display the name of customers whose employee representative’s office is located in USA.
16. Display the name of customers who has ordered any product from product line 'Classic Cars’.