



Software Engineering Teaching Unit, University of Kelaniya
ACADEMIC YEAR – 2017/2018
SENG 12223- Database Design and Development
In class Practical Assignment

1. Retrieve all details of agents who is in India.
2. Retrieve the names of customers who lives in Mumbai.
3. Get customer names with grade, whose grade above 3.
4. Display all details of customers who are either belongs to UK or grade below 2
5. Retrieve order number, order amount, customer name and agent name of that order which order amounts between 2000 and 3000.
6. Retrieve agent name, working area. commission and country who get the commission within the range more than 0.10% and less than 0.12%.
7. Display those agents with all other information whose name started with any letter within 'A' and 'K'.
8. Company decide to double the commission rate whose order amount greater than 4000. Who will get this privilege?
9. What are the agent's names who deal with customers who live in 'Toronto'?
10. List all details about orders which are purchased on November.
11. Who get the highest commission rate?
12. Find the Maximum, Minimum, Average and Total purchase amount of all orders.
13. How many customers from USA?
14. List the names of all customers along with the agent works for them.
15. List the agent names, customer names with their cities for the agents and customers who belongs to same city.
16. Make a report with customer name, city order number, order date and order amount in ascending order according to the order date to find any of the existing customers have placed no order.
17. Display distinct cities of agents.
18. Display the total order amount in each country.
19. Display the all details of orders according to the order number arranged by descending order.
20. Display the commission of all the agents servicing customers in UK.
21. Write the query to count the customers with grades above New York's average.
22. Exact all data from the customer relation if and only if one or more of customers in the customer relation are located in London
23. Mr. Cook (C00024) placed his order amount as 2500 by mistake, He wants amount of 3500. Correct his order amount
24. Customer Avinash move to Kolkata from Mumbai. Update his new city.
25. New agent joins to the company. Insert his details;

Agent_code	Agent_name	Working_area	Comission	Phone_no	Country
A0013	Peter	Bristol	0.12	078-28877461	UK

Submit date: 31-12-2019 (On or before 12.00 noon).