**Database Management System(2CS402)**

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| **Practical No : 1 (b)**    **Aim :** 1. Inserting data into the table.  2. View/Retrieve data from the table.  3. Pattern Matching    **1. a) Insert the following data into client table :**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **ClientNo** | **Name** | **City** | **Pincode** | **State** | **BalDue** | | C01 | Ivan Bayross | Mumbai | 400054 | Maharashtra | 15000 | | C02 | Mamta Shah | Chennai | 780001 | Tamil Nadu | 0 | | C03 | Chhaya Patel | Mumbai | 400057 | Maharashtra | 5000 | | C04 | Ashni Joshi | Bangalore | 560001 | Karnataka | 0 | | C05 | Harsh Desai | Mumbai | 400060 | Maharashtra | 2000 | | C06 | Deepak Sharma | Mangalore | 560050 | Karnataka | 0 |   **1. b) Insert the following data into product table :**   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **Product No** | **Description** | **Profit Percent** | **Unit Measure** | **Qty on hand** | **Reorder Level** | **Sell Price** | **Cost Price** | | P00001 | 1.44 Floppies | 5 | Piece | 100 | 20 | 525 | 500 | | P03453 | Monitors | 6 | Piece | 10 | 3 | 12000 | 11200 | | P06734 | Mouse | 5 | Piece | 20 | 5 | 1050 | 500 | | P07865 | 1.22 Floppies | 5 | Piece | 100 | 20 | 525 | 500 | | P07868 | Keyboards | 2 | Piece | 10 | 3 | 3150 | 3050 |   **1. c) Insert the following data into salesman table :**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **SalesmanNo** | **SalesmanName** | **Address1** | **Address2** | **City** | **PinCode** | **State** | | S01 | Aman | A/14 | Worli | Mumbai | 400002 | Maharashtra | | S02 | Omkar | 65 | Nariman | Mumbai | 400001 | Maharashtra | | S03 | Raj | P-7 | Bandra | Mumbai | 400032 | Maharashtra | | S04 | Ashish | A/5 | Juhu | Mumbai | 400044 | Maharashtra |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | **SalesmanNo** | **SalAmt** | **TgtToGet** | **YtdSales** | **Remarks** | | S01 | 3000 | 100 | 50 | Good | | S02 | 3000 | 200 | 100 | Good | | S03 | 3000 | 200 | 100 | Good | | S04 | 3500 | 200 | 150 | Good |   **1. d) Insert the following data into sales\_order table :**   |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | | **OrderNo** | **ClientNo** | **OrderDate** | **SalesmanNo** | **DeliveryType** | **Billyn** | **DeliveryDate** | **OrderStatus** | | O19001 | C01 | 12-01-16 | S01 | F | N | 20-01-16 | In Process | | O19002 | C02 | 25-01-17 | S02 | P | N | 27-01-17 | Cancelled | | O46865 | C03 | 18-02-17 | S03 | F | Y | 20-02-17 | Fulfilled | | O19003 | C01 | 03-04-16 | S01 | F | Y | 07-04-16 | Fulfilled | | O46866 | C04 | 20-05-16 | S02 | P | N | 22-05-16 | Cancelled | | O19008 | C05 | 24-05-16 | S04 | F | N | 26-05-16 | In Process |   **1. e) Insert the following data into sales\_order\_details table :**   |  |  |  |  | | --- | --- | --- | --- | | **OrderNo** | **ProductNo** | **QtyOrdered** | **ProductRate** | | O19001 | P00001 | 4 | 525 | | O19001 | P07965 | 2 | 8400 | | O19001 | P07885 | 2 | 5250 | | O19002 | P00001 | 10 | 525 | | O46865 | P07868 | 3 | 3150 |   **2. Do as directed:**   1. List all the clients who are located in Mumbai or Chennai. (Use logical operator) 2. Find the names of salesman who have a salary equal to Rs. 3000. 3. List the salesman who are associated with orders given. 4. List the orders whose status is either cancelled or fulfilled. (Use IN) 5. List products whose selling price is greater than 500 and less than or equal to 750. (Use logical as well as BETWEEN operator). Notice the difference. 6. List the names of all clients have ‘a’ as the second letter in their names. 7. List the products whose selling price is more than 500 with the new selling price calculated as original selling price plus 15%. 8. List the name, city and state of clients who are not in the state of “Maharashtra”. 9. List the products with highest to lowest selling price. 10. List the orders ordered in the year 2017. |