**Database Management System (2CS402)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Practical No : 1**    **Aim :** 1. Basic SQL commands  ● Like Ed, spool etc.  2. Creating Table  3. Retrieve/view table structure    **2. a) Create table client (used to store client information) having following attributes:**   |  |  |  | | --- | --- | --- | | **Column Name** | **Data Type** | **Size** | | clientno | varchar2 | 6 | | name | varchar2 | 20 | | city | varchar2 | 15 | | pincode | number | 8 | | state | varchar2 | 15 | | baldue | number | 10, 5 |   **2. b) Create table product (used to store product information) having following attributes:**   |  |  |  | | --- | --- | --- | | **Column Name** | **Data Type** | **Size** | | productno | varchar2 | 6 | | description | varchar2 | 15 | | profitpercent | number | 4, 2 | | unitmeasure | varchar2 | 10 | | qtyonhand | number | 8 | | reorderlvl | number | 8 | | sellprice | number | 8, 2 | | costprice | number | 8, 2 |   **2. c) Create table salesman (used to store salesman information working for the company) having following attributes:**   |  |  |  | | --- | --- | --- | | **Column Name** | **Data Type** | **Size** | | salesmanno | varchar2 | 6 | | salesmanname | varchar2 | 20 | | address1 | varchar2 | 30 | | address2 | varchar2 | 30 | | city | varchar2 | 20 | | pincode | number | 8 | | state | varchar2 | 20 | | salamt | number | 8, 2 | | tgttoget | number | 6, 2 | | ytdsales | number | 6, 2 | | remarks | varchar2 | 60 |   **2. d)** **Create table sales\_order (used to store client’s orders) having following attributes:**   |  |  |  | | --- | --- | --- | | **Column Name** | **Data Type** | **Size** | | orderno | varchar2 | 6 | | clientno | varchar2 | 6 | | orderdate | date |  | | salesmanno | varchar2 | 6 | | delaytype | char | 1 | | billyn | char | 1 | | delaydate | date |  | | orderstatus | varchar2 | 10 |   **2. e)** **Create table sales\_order\_details (used to store client’s orders with details of each product ordered ) having following attributes:**   |  |  |  | | --- | --- | --- | | **Column Name** | **Data Type** | **Size** | | orderno | varchar2 | 6 | | productno | varchar2 | 6 | | qtyordered | number | 8 | | productrate | number | 10, 2 |   **3. a) Retrieve the structure of the tables.**    **3. b) Retrieve all the attributes of all the tables.** |
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