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| A picture containing drawing, stop, room  Description automatically generated | Database Management Systems  Practical #2 | | |
|  |  |  |  |
| **Name** | Sahil Shah | **Roll Number** | 21302C0022 |
| **Subject/Course:** | Database Management Systems / BSc IT | | |
| **Practical 1** | Manipulating Data | | |
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| **Q. 1**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **ClientNo** | **Cname** | **CCity** | **State** | **BalDue** | | **C001** | **Ivan b** | **Mumbai** | **Maharashtra** | **1500** | | **C002** | **Mamta** | **Pune** | **Maharashtra** | **2500** | | **C003** | **Ram** | **Navi Mumi** | **Maharashtra** | **5000** | | **C004** | **Shyam** | **Banglore** | **Aandhra Pradesh** | **2000** | | **C005** | **Raj** | **Surat** | **Gujrat** | **0** | | **C006** | **Leena** | **Jaipur** | **Rajsthan** | **2600** | | **C007** | **Neena** | **Madras** | **Aandhra Pradesh** | **2600** | | **C008** | **Nita** | **Navi Mumbai** | **Maharashtra** | **3000** |   **Write the Queries for the following questions and paste the output as screenshots based on above Client\_Master table.**     1. **Write create table query for above Client\_master database.** 2. **Write insert query for to insert the above given records into Client\_master table.** 3. **Display information of all clients present in the Client\_Master table.** 4. **Display Clients name and city of all clients.** 5. **Change the city of ClientNo 'C005' to 'Banglore‘** 6. **Display detalis of client no 6.** 7. **Add column Pincode to above table.** 8. **Change size of the State column to 30.** 9. **Delete the details of client having client no as C008.** 10. **Delete the details of clients staying in the city of Maharashtra.** | | | |
| **Program Code:**  CREATE TABLE ClientMaster(  ClientNO varchar(100),  Client\_Name varchar(20),  Client\_City varchar(30),  State varchar(40),  BalDue int  );    DESC ClientMaster    insert into ClientMaster values('C001', 'Ivan B', 'Mumbai', 'Maharashtra', 1500)  insert into ClientMaster values('C002', 'Mamta', 'Pune', 'Maharashtra', 2500)  insert into ClientMaster values('C003', 'Ram', 'Navi Mumbai', 'Maharashtra', 5000)  insert into ClientMaster values('C004', 'Shyam', 'Banglore', 'Aandhra Pradesh', 2000)  insert into ClientMaster values('C005', 'Raj', 'Surat', 'Gujrat', 0)  insert into ClientMaster values('C006', 'Leena', 'Jaipur', 'Rajsthan', 2600)  insert into ClientMaster values('C007', 'Neena', 'Madars', 'Aandhra Pradesh', 2600)  insert into ClientMaster values('C008', 'Nita', 'Navi Mumbai', 'Maharashtra', 3000)    select \* from ClientMaster    select Client\_Name, Client\_City from ClientMaster  update ClientMaster set Client\_City='Banglore' where ClientNo='C005'  select 'C006' from ClientMaster  alter TABLE ClientMaster add PinCode Number  alter TABLE ClientMaster modify State varchar(30)  delete from ClientMaster where ClientNo='C008'  delete from ClientMaster where state='Maharashtra'  **Program Output:** | | | |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | empno | ename | Job | salary | Deptid | | 1 | John | Clerk | 1000 | 10 | | 2 | Maria | Manager | 1400 | 20 | | 3 | Lara | President | 2000 | 30 | | 4 | Fedrick | Officer | 1300 | 40 | | 5 | Meera | Clerk | 1000 | 10 | | 6 | Anita | Manager | 1400 | 10 |   **Write the Queries for the following questions and paste the output as screenshots based on above Employee table.**   1. **Write a query to create table Employee.** 2. **Display the structure of the table Employee.** 3. **Write a query to insert all values in Employee table.** 4. **Display details of employee table.** 5. **Write a query to change ‘Job’of an Employee No. 1 to ‘Accountant’.** 6. **List the name, job, and salary of all employees in department 20.** 7. **Display the empno, ename and job of all employees.** 8. **Display the details of employees working in deptid=10.** 9. **Update the salary of John to Rs. 2000.** 10. **Delete the details of the emplyees who are working as Clerk.** | | | |
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