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| A picture containing drawing, stop, room  Description automatically generated | Database Management Systems  Practical #1 | | |
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| **Name** | Sahil shah | **Roll Number** | 21302C0022 |
| **Subject/Course:** | Database Management Systems / BSc IT | | |
| **Practical 1** | Installation of software and DDL Commands | | |
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| 1. **Overview and Installation of Oracle 10g Software or livesql.oracle.com Account Creation.**   **(Screen shot of Installation or Account Created)** | | | |
| **Link:**  [**https://vsitedumy.sharepoint.com/:u:/g/personal/rohini\_desai\_vsit\_edu\_in2/EUnbzbpfd5ZPtyUcBXjPZ7ABNHMI2IiTK6ToI2Somv9new?e=SdJaoc**](https://vsitedumy.sharepoint.com/:u:/g/personal/rohini_desai_vsit_edu_in2/EUnbzbpfd5ZPtyUcBXjPZ7ABNHMI2IiTK6ToI2Somv9new?e=SdJaoc) | | | |
| 1. **Case Study on Employee Database**   **Write Queries with Output as Screen shots for the following Questions Based on above Table.**   |  |  | | --- | --- | | **Employee** | | | **Attribute** | **Datatype** | | **Empid** | **Number** | | **Empname** | **Varchar2(15)** | | **Manager\_id** | **Number** | | **Dept\_id** | **Number** | | **Salary** | **Number** |  1. **Create the table for Employee Database.** 2. **Describe Employee table with its attributes with its datatypes.** 3. **Add a new column phone number in the Employee table.** 4. **Change the size of Empname field from 15 to 50.** 5. **Remove the column salary from the Employee table** 6. **Change the table name Employee to Emp\_Details.** 7. **Delete all the rows from Emp\_Details table.** 8. **Delete the entire table Emp\_Details from the database.** | | | |
| **CREATE TABLE Empolyee1(**  **EmpID Number,**  **EmpName varchar(215),**  **ManageID Number,**  **DeptID Number,**  **Salary Number**  **);**    **DESC Empolyee1;**    **alter TABLE Empolyee1 add PhoneNo numbe**  **alter TABLE Empolyee1 modify EmpName varchar(250)**  **alter TABLE Empolyee1 drop column Salary**  **rename Empolyee1 to EmpDetails**    **DESC EmpDetails;**    **truncate table EmpDetails**  **drop table EmpDetails** | | | |
| 1. **Case Study on Client\_Master Database**  |  |  |  | | --- | --- | --- | | **Column Name​** | **Data Type​** | **Size​** | | CLIENTNO​ | Char​ | 6​ | | NAME​ | Char​ | 20​ | | ADDRESS​ | Char​ | 20​ | | CITY​ | Char​ | 15​ | | PINCODE​ | Number​ | 6​ | | STATE​ | Char​ | 15​ | | BALDUE​ | Number​ | 10,2​ |   **Write Queries with Output as Screen shots for the following Questions Based on above Table.**   1. **Create the table Client\_Master database.** 2. **Describe the structure of Client\_Master table.** 3. **Add a new column phone number in the Client\_Master table.** 4. **Change the size of Address field from 20 to 70.** 5. **Remove the column Pincode from the Client\_Master table.** 6. **Delete entire table Client\_Master from the database.** | | | |
| **CREATE TABLE cLIENT\_MASTER(**  **ClientNo char,**  **Name char,**  **Address char,**  **City char,**  **pincode number,**  **state char,**  **baldue number**  **);**    **DESC Client\_Master;**    **alter TABLE Client\_Master add PhoneNo numbe**  **alter TABLE Client\_Master modify Address char(70)**  **alter TABLE Client\_Master drop column pincode**    **drop table Client\_Master** | | | |
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