**SQL programs**

1. Create an Employee table for the following details

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Name | Designation | Branch |
| 1 | Suresh | Manager | Chennai |
| 2 | Ramesh | Supervisor | Madurai |
| 3 | Hari | Assistant | Trichy |

Perform the following:

* Alter the table by adding a column **Salary**
* Alter the table by modifying the column **Name**
* Describe the table **employee**
* Rename table **employee** as **emp**
* Delete the Second row from the table
* Drop the table

2. Create a Table as **bank** and the details are

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | Cust\_Name | Acc\_no | Balance | Cus\_Branch |
| 1 | Ramesh | 12378 | 100000 | Adyar |
| 2 | Sam | 12367 | 152500 | Mylapore |
| 3 | Harish | 12345 | 250000 | Anna Salai |

Perform the following:

* Simple Select
* Select with **where** clause
* Select with **comparison operator >**
* Select with**between** in the field **Balance**
* Update the **Cus\_Branch** in the second row as **Poonamallee**

3. Create a Table as **book** and the details are

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.No | B\_Name | Author | Price | Publisher |
| 1 | DBMS | Seema Kedhar | 250 | Charulatha |
| 2 | TOC | John Martin | 400 | Tata McGraw Hill |
| 3 | C | Balagurusamy | 300 | Technical |

Perform the following:

* + Use **Select** keyword and display the table
  + Display the book which is => 300
  + **Insert a** rowand add new book to the book table
  + Drop **Author** column

4. Create a Table as **workers** and the details are

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Name | Designation | Branch |
| 1 | Kannan | Manager | Chennai |
| 2 | Mahesh | Supervisor | Madurai |
| 3 | Maruthi | Assistant | Trichy |

Perform the following:

* + Alter the table by adding a column **Salary**
  + Alter the table by modifying the column **Name**
  + Describe the table **employee**
  + Copy the table **employee** as **emp**
  + Delete the Second row from the table
  + Drop the table

5. Create a Table as **Student** and the details are

|  |  |  |  |
| --- | --- | --- | --- |
| S.No | Name | Subject | Mark |
| 1 | Somu | OS | 75 |
| 2 | Sankar | DBMS | 66 |
| 3 | Mahesh | MOBILE COMPUTING | 92 |

Perform the following:

* + Alter the table by adding a column **Grade**
  + Alter the table by modifying the column **Name**
  + Describe the table **Subject**
  + Copy the table **Subject** as **sub**
  + Delete the Second row from the table
  + Drop the table