NATIONAL INSTITUTE OF TECHNOLOGY, SURATHKAL

Department of Computer Science & Engineering

DATABASE MANAGEMENT SYSTEM LAB-CO303

Write SQL statements for the following:

1. Create a table Customers(CID:int,cname:string,age:int,address:string,city:string,postalcode:int,Gender:string,country:string)
2. Include all necessary constraints.
3. Enter at least ten tuples for the given relation.
4. Display the details of customers whose city is Bangalore or Hyderabad and country India.
5. List the id and name of the customers who have no address.
6. Count the number of persons who are female.
7. List the top 3 customers of Mangalore (by using ROWNUM).
8. Display the name of the customers in descending order of their age.
9. Count the number of customers whose name end with ‘a’ and ‘h’.
10. List the details of the customers belong to India the postal code ‘5- - - - -’ and name starting with ‘S’, ‘T’ or ‘P’.
11. Display the customers located in ‘Bangalore’, ‘Pune’ and ‘ Chennai’.

Write SQL statements for:

1. Create the tables with following information:

Emp(Eno: int, Ename:string, Phone_no: int, desg: string, salary: int, age:int,country:string)

2. Inserting data into the Emp with eight or more entries.
3. Create a back-up copy of Employee table

4. List the employees whose salary under 1,00000.
5. Create an alias for column Eno and Ename as Eid and Emp_name.
6. Select all customers whose salary is in between 20k and 50k and doesnot belong to Eid 111 and 112.
7. Find the designation, name of the employees starting with ‘a’ and atleast four character in length.
8. List the number of different employee countries.
9. Find the employee who has least salary.
10. Update the salary of the employees to salary=salary*0.25,who has salary less than 18000.
11. Display the name of the employees after updating.