

RDBMS Lab Programs

1) Creating table and insertion:

i) Creating Employee table with the following fields

[eno,ename,edob,eage,egender,esal,eadd,dno] and insert fifteen records

ii) Creating Department table with the following fields

[dno,dname,dhead,dlocation] and insert any five records

2) Selecting records:

- 1) Display all the employee details.
- 2) Display all department information.
- 3) Display eno,ename and esal details from employee table.
- 4) Display the all female employee name list.
- 5) Display the all employee details whose eno less than 105.
- 6) Display the all male employee names whose age greater than 45.
- 7) List out the name of the employee who is belongs to the department no 3.
- 8) List out all the department number uniquely from the employee table.
- 9) List out the department number and their head in-charges.
- 10) Display the total number of employees working in the company.
- 11) Display the total number of employees working in the department no 2.
- 12) Display the names of the employee who is working in department number 3 with the age is greater than 40.
- 13) Display the names of the employee who's getting salary between 2000 and 5000.

- 14) Display the names of the employee whose is not belongs to either department number 1 or 2.
- 15) Who is getting maximum salary in the company.
- 16) Who is getting minimum salary in the company.
- 17) Who is getting maximum salary in the department number
- 18) What is the average salary the company given to the employee.
- 19) List out the employee names whose name is starts with the character “s”
- 20) List out the employee names whose name is ends with the character “n”.
- 21) Display the employee details who is living either in Madurai or Trichy.

3) Modify the records (Update and Delete Queries):

- 1) Change the salary as Rs 10000 for any one of the employee.
- 2) Increase the salary Rs 2000 for all female employees.
- 3) Fix the salary Rs 6000 for all employees with the age less than 30.
- 4) Increase the salary Rs 1000 for all male employees working in the
Department no 2.
- 5) Fix the maximum salary for the employee With the age greater than 45.
- 6) Change the name of the employee as “johnson” whose eid is 103.
- 7) Fix the average salary for all employees who is belongs to madurai or
Trichy.
- 8) Increase the salary Rs 2000 for the employee those who were born before
21st APR 1985.
- 9) Change the head of the department name as “J. Rajkumar” for the
Department no 104.

- 10) Give the 20% increment of the salary for the employee who are not belongs to the department no 2,3,4.
- 11) Delete the all employee details who get salary less than 5000.
- 12) Delete the details of employee who belongs to Chennai.
- 13) Delete the employee details whose name start with the character “s”.
- 14) Delete the all female employee whose age reach greater than 45.
- 15) Delete the employee records whose age between 2nd Dec 2005 and 3rd Feb 2007.

4) Modifying Tables (Alter, Truncate, rename, copy and Drop table):

- 1) Add a new column ‘edes’ in employee table.
- 2) Add a multiple columns email and econtact in employee table
- 3) Modify the size of the column eadd in employee tables.
- 4) Modify the data type for the column esal as float format (precision- 5, Scale – 2)
- 5) Rename the employee table
- 6) Rename an existing column egender as esex in employee table
- 7) Remove all the records from the employee table
- 8) Recover the deleted records of employee table
- 9) Create the customer table and then drop it.
- 10) Add default value for the field ‘email’ in employee table
- 11) Set the Not Null for the field ‘ename’ in employee table
- 12) Drop the column email from employee table
- 13) Enable and Disable the primary key constraint