

Indian Institute of Engineering Science and Technology, Shibpur

Computer Science & Technology

DBMS Laboratory (CS551) assignments

Faculty Members: Sekhar Mandal, Asit Kumar Das & Ashish Kumar Layek

ASSIGNMENT – 2

1. From the EMPLOYEE table show the minimum, maximum, and average basic for each department.
2. Find the number of female employees in each department.
3. Find the city wise no. of employees for each department.
4. Show the designation wise no. of employees who have joined in the year 2000 in each department. The listing should appear in the ascending order of no. of employees.
5. Find the department wise total basic of male employees only for the departments for which such total is more than 50,000 and the listing should appear in the descending order of total basic.
6. Show the employee name, Designation description, basic for all employees.
7. Show the employee name, Designation description, Department Name & Basic for all employees.
8. Find the department code in which no employee works.
9. Find the department names where at least one employee works.
10. Find the department names where at least 10 employees work.
11. Find the department code in which employee with highest Basic works.
12. Find the Designation description of the employee with highest basic.
13. Find the no. Of managers in each department.
14. Find the maximum basic from EMP table without using MAX().
15. Find the minimum basic from EMP table without using MIN().
16. Find the name of the department with highest total basic. Do the same for highest average basic and maximum no. Of employee.
17. Insert same rows into EMP table with designation code not existing in DESIGNATION table.

18. Delete the rows from EMP table with invalid DESIG_CODE.
19. Find the name of the female employees with basic greater than the average basic of their respective department.
20. Find the number of female managers.