



University of Engineering & Management, Kolkata

Course: B.Tech in CSE

Semester: 5<sup>th</sup>

Paper Name: Data Base Management System Lab

Paper Code: PCCCS591

### Assignment No 3

Consider the following employee table and execute the queries based on it

Emp_id	Fname	Lname	Job_Type	Salary	Commission	Dept	Manager_id	DOJ
1	Arun	Khan	Manager	90000		Production		04-Jan-1998
2	Barun	Kumar	Manager	80000		Marketing		09-Feb-1998 <sup>Sunday 02</sup>
3	Chitra	Kapoor	Engineer	60000		Production	1	08-Jan-1998
4	Dheeraj	Mishra	Manager	75000		Sales	4	27-Dec-2001
5	Emma	Dutt	Engineer	55000		Production	1	20-Mar-2002
6	Floki	Dutt	Accountant	70000		Accounts		16-Jul-2000
7	Dheeraj	Kumar	Clerk	40000		Accounts	6	01-Jul-2016
8	Saul	Good	Engineer	60000		R&D		06-Sep-2014
9	Mou	Bhat	Clerk	30000		Sales	4	08-Mar-2018
10	Sunny	Deol	Salesman	20000	10000	Marketing	2	31-Mar-2001
11	Bobby	Deol	Engineer	35000		R&D	8	17-Oct-2017
12	Amir	Khan	Salesman	15000	5000	Marketing	2	11-Jan-2013

1. Show f\_name, l\_name and job\_type from employees.
2. Show employee details in the following fashion:

Employee details

Arun is a manager

3. Show the monthly salary details in the following fashion

Monthly Salary Details

Arun's monthly salary is Rs. 90000

Consider the Department table to answer the queries

d_name	d_loc	HOD_id
Sales	Kol	4
Accounts	Delhi	6
Production	Kol	1
Marketing	Kol	2
R & D	Marketing	8

4. Show the different department names from department table
5. Show the employee names who works in 'Sales'
6. Show the employee names who gets salary of more than 50000 per month
7. Show the details of the employee whose manager id is not 1
8. Show the employee details whose salary ranges between 40000 and 70000
9. Show the details of the employees who works under the manager having id 1, 6 and 8
10. Select the f\_name and salary of those employees whose last name starts with 'K'
11. Select the f\_name and salary of those employees whose last name starts with 'K' and ends with 'R'
12. Show the details of those employees where 3<sup>rd</sup> letter of l\_name is 'o'
13. Select the details of those employees who works as an engineer with monthly salary more than 50000

14. Select the employees whose department is 'Production' or monthly salary is more than 60000 per month.
15. Find the minimum salary, maximum salary, total salary, average salary of the employees who work in 'Sales' department
16. Find the employee l\_name that is first and f\_name that is last if they are arranged in an order
17. Find the number of employees working in each department
18. Find the number of departments from employee table
19. Find the average commission of the employees.
20. Find the average salaries of the employees department wise
21. Find the sum of salary of different job\_type according to different departments
22. Find the department name and average salaries of those departments whose average salary is greater than 40000
23. Find the department name and maximum salaries of those departments whose maximum salary is greater than 55000
24. Display the job\_type and total monthly salary for each job\_type where total payroll is exceeding 100000
25. Display the name of the department having maximum average salary