LAB Assignment 5

1. Find the average salary of each department.

2. Find the average salary for each jobtype according to each department.

3. Find the department names and their corresponding average salary where the average salary is greater than 40000.

4. Select the departments where the maximum salary is more than 55000.

5. Find the department names and their average salary where the maximum salary of the department is higher than 55000.

6. Display the job_types and the total monthly salary for each jobtypes as “PAYROLL”, where the total payroll according to jobtypes exceeds 100000/month.

7. Display the job_types and the total monthly salary for each jobtypes as “PAYROLL”, where the total payroll according to jobtypes exceeds 100000/month and jobtype is not engineer.

8. Display the job_types and the total monthly salary for each jobtypes as “PAYROLL”, where the total payroll according to jobtypes exceeds 60000/month and jobtype is not engineer and sort the list in ascending order of sum of salary.

9. Display the job_types and the total monthly salary for each jobtypes as “PAYROLL”, where the total payroll according to jobtypes exceeds 50000/month and jobtype is not engineer and sort the list in descending order of sum of salary.

10. Find the maximum average salary according to departments.

11. Find the minimum average salary according to jobtypes.

12. Find the employee name and date of joining who are working in delhi.

13. Create the table ‘Emp_Address’ for storing the permanent address of the employees and insert the values.

EMP_ID	CITY	DISTRICT	STATE
1	Suri	Birbhum	WB
3	Kolkata	Kolkata	WB
4	Bhubaneswar	Khurda	Odisha
5	Noida	GB Nagar	UP
6	Secunderabad	Hyderabad	Telangana
7	Derhadun	Derhadun	Uttarakhand
8	Asansol	Burdwan	WB
9	Siliguri	Darjeeling	WB
10	Kolkata	Kolkata	WB
11	New delhi	New delhi	Delhi

14. Display the employee name with their home city and the city they work in.

15. Create the following Job_Grades table.

Grade	Lowest_Sal	Highest_Sal
A	10000	24999
B	25000	49999
C	50000	100000

16. Display the employee names along with their salary and job_grade.

17. Display the employees name along with their manager's name. (use SELF JOIN)

18. Display emp_id, f_name, d_loc, and hod_id (using natural join).

19. Display the employees f_name, city and state in which they live (using natural join).

20. Display the employees emp_id, f_name, d_loc, hod_id using inner join.

21. Display the employees f_name, city and state in which they live (using inner join).

22. Display the employees f_name, city and state in which they live (using join keyword).

23. Insert the following two rows in the employee table without inserting any value in the department field.

EMP_ID	F_NAME	L_NAME	JOB_TYPE	SALARY	COMMISION	D_NAME	MANAGER_ID	DOJ
20	alex		engineer	28000	2000		1	31-JAN-17
21	priya	patel	clerk	12000	500		1	01-APR-17

24. Insert the following two rows into the department table.

D_NAME	D_LOC	HOD_ID
Training	Mumbai	1
Placement	Mumbai	1

25. Display the employees f_name, city and state in which they live after joining employee and employee_address table using left outer join.

26. Display the employees f_name and their work location after joining employee and department table using left join.

27. Display the employees f_name and their work location after joining employee and department table using right join.

28. Display the employees f_name and their work location after joining employee and department table using full join/full outer join.

29. Find the employees who are working in their home city.

30. Find the job type having the minimum average salary according to jobtypes.