**Database Management System**

**Practical No : 4**

**Write SQL to answer following questions:**

1. List the name of employees whose name is having five characters in total.
2. List the names of employees whose name starts with ‘K’ and having five characters in total.
3. List the names of employees whose name is of five character and fourth character is either ‘i’ or ‘e’.
4. List the names of employee whose name is of five character and which starts with ‘D’ and ends with ‘d’.
5. List the employee whose Salary in four digits ending with Zero.
6. List the employee whose names having a character set ‘ll’ together.
7. List the details of employees whose Salaries is more than the salary of ‘William’.
8. List the employees whose jobs are same as of ‘David’.
9. ***List the Employees who are senior to their own Managers. [skiped]***
10. List the employees, whose jobs are same as ‘David’ or Salary is higher than 'Alexander'.
11. List all jobs of deptno 90 that are not found in deptno 60.
12. List the employees whose salary is more than 10000 after giving 20% increment.
13. List the employees who are not working as ‘CLERK’.
14. ***List the employees whose salary is greater than his managers’ salary.***
15. List the employees whose annual salary ranging from 70,000 and 90,000.
16. Display the employee\_id, first\_name, salary, job\_id, deptno of all employees working working as IT PROG with annual salary>80,000, print the information in asc order of Deptno.
17. List employee\_id, first\_name, salary, job\_id, deptno, experiance and Annual Salary of employees working for Dept 90 or 60.
18. Find total number of orders placed by each salesman
19. How many customers have no balance due?
20. Which product is most expensive? (highest sell price)
21. Which product has highest profit per unit? (Product no with highest (sell\_price-cost\_price)/cost\_price))
22. Find product name of product has highest profit per unit.
23. Find total amount of order placed for each product.(sum of ProductRate\*QtyOrdered)
24. Display year-wise amount of order placed by each salesman.
25. Identify salesman who placed any order of more than Rs.10000.