1. Get the list of employee details which should include their name,department and name of the insurance type

ANSWER:-
select e.name,d.dept_name,i.insurance_id
from employee_table e
join department_table d on e.dept_id=d.dept_id
join insurance_table i on e.insurance_id=i.insurance_id;

2. Get the list of departments of employees working at particular place(e.g: Madhapur)

ANSWER:-
        SELECT e.name,o.office_id from employee_table e Join employee_office_table o ON e.emp_id = e.emp_id JOIN office_table p ON o.office_id = p.office_id WHERE p.office_place="madhapur";

3. Get the count of employees working in each location

ANSWER:-
        select count(name) from employee_table where emp_id in (select emp_id from employee_office_table where office_id in (select office_id from office_table where office_place='kondapur'));

4. Get the third highest salaried employee name, insurance name and salary(Joins)

ANSWER

        SELECT DISTINCT(t4.salary),t1.name,t2.insurance_name from employee_table t1 JOIN insurance_table t2 ON t1.insurance_id=t2.insurance_id JOIN

employee_office_table t3 ON t1.emp_id=t3.emp_id JOIN employee_info_table t4 ON t4.emp_info_id=t3.emp_office_id ORDER BY t4.salary
DESC LIMIT 0,1;

5.Get the Average salary of employees from each department for a particular location

 Answer:-
                SELECT AVG(t4.salary),t3.place FROM Employee_Table t1 JOIN Employee_Office_Table t2 ON t1.emp_id=t2.emp_id JOIN Office_Table t3 ON t3.office_id=t2.office_id JOIN Employee_Info_Table t4 ON t2.id=t4.id GROUP BY t3.place

6.Get the sum of salaries of the employees joined after 02-01-2022 working in ‘Madhapur’

Answer
SELECT AVG(t4.salary),t3.office_place FROM employee_table t1 JOIN employee_office_table t2 ON t1.emp_id=t2.emp_id JOIN office_table t3 ON t3.office_id=t2.office_id JOIN employee_info_table t4 ON t2.emp_office_id=t4.emp_info_id GROUP BY t3.office_place;

7.Get name, department, salary of employees who joined after 20-02-2022 and salary is greater than 20000 and has insurance either in lic or icici or both and whose work location is madhapur
.
 ANSWER:-ELECT t1.name,t5.dept_name,t3.salary as sum_of_sal from employee_table t1 JOIN employee_office_table t2 on t1.emp_id=t2.emp_id JOIN employee_info_table t3 on t2.office_id=t3.emp_info_id JOIN office_table t4 ON t2.office_id=t4.office_id JOIN department_table t5 on t1.dept_id=t5.dept_id JOIN insurance_table t6 on t1.insurance_id=t6.insurance_id WHERE t3.DOJ>20-02-2022 and t3.salary>20000 and t4.office_place="hyderabad" and (t6.insurance_name LIKE "LIC%" or t6.insurance_name LIKE "ICICI%");

8. Get the list of employee names and their respective immediate head name

ANSWER:_
            elect name , immediate_head_id from employee_table;

9. Get the list of employee names and their respective immediate head name with their respective department names.
   Eg: emp name | emp department name | immediate head name | immediate head department name

   ANSWER:-
                   select t1.name as employee,t4.dept_name as employee_dept, t2.name as head, t3.dept_name as immediate_head_id from employee_table t1 join employee_table t2 on t1.immediate_head_id=t2.emp_id join department_table t3 on t2.dept_id=t3.dept_id join department_table t4 on t1.dept_id=t4.dept_id;

10. Get the list of employees whose immediate head working in location 'madhapur' and whose salary is less than twice the salary of their respective immediate   heads.

   ANSWER:-
                   select t1.name from employee_table t1 join employee_table t2 on t1.immediate_head_id=t2.emp_id join employee_office_table t3 on t1.emp_id=t3.emp_id join office_table t4 on t3.office_id=t4.office_id join employee_info_table t5 on t3.emp_office_id=t5.emp_info_id join employee_office_table t6 on t2.emp_id=t6.emp_id join office_table t7 on t6.office_id=t7.office_id join employee_info_table t8 on t6.emp_office_id=t8.emp_info_id where t7.office_place="Madhapur" and t5.salary<(2*t8.salary);