

## SQL ASSIGNMENT

1) select t1.name, t2.dept\_name, t3.insurance\_name from Employee\_Table t1 join Department\_Table t2 on t1.dept\_id=t2.dept\_id join Insurance\_Table t3 on t1.insurance\_id=t3.insurance\_id;

2) select t1.name, t3.place from Employee\_Table t1 join Employee\_Office\_Table t2 on t1.emp\_id=t2.emp\_id join Office\_Table t3 on t2.office\_id=t3.office\_id where t3.place="Madhapur";

3) select count(t1.name) as Number, t3.place from Employee\_Table t1 join Employee\_Office\_Table t2 on t1.emp\_id=t2.emp\_id join Office\_Table t3 on t2.office\_id=t3.office\_id group by t3.place;

4) SELECT t1.name, t2.insurance\_name, t4.salary 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 t3.id=t4.id ORDER BY t4.salary DESC LIMIT 1 OFFSET 2;

5) select AVG(t5.salary), t2.dept\_name from Employee\_Table t1 join Department\_Table t2 on t1.dept\_id=t2.dept\_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.id=t5.id where t2.dept\_name="Software" group by t2.dept\_name;

6) select sum(t5.salary) from Employee\_Table t1 join Department\_Table t2 on t1.dept\_id=t2.dept\_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.id=t5.id where t5.date\_of\_joining>"2022-01-30" and t4.place="Madhapur";

7) select t1.name, t2.dept\_name from Employee\_Table t1 join Department\_Table t2 on t1.dept\_id=t2.dept\_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.id=t5.id join Insurance\_Table t6 on t1.insurance\_id=t6.insurance\_id where t5.date\_of\_joining>2022-01-30 and t5.salary>10000 and t4.place="Madhapur" and (t6.insurance\_name like 'LIC%' or t6.insurance\_name like 'Jeevan') ;

8) select t1.name as Employee,t2.name as Head from Employee\_Table t1 join Employee\_Table t2 where t1.immidiate\_head\_id=t2.emp\_id;

9) select t1.name as Employee,t4.dept\_name as Employee\_Dept, t2.name as Head, t3.dept\_name as Immediate\_Head\_Dept from Employee\_Table t1 join Employee\_Table t2 on t1.immidiate\_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) select t1.name from Employee\_Table t1 join Employee\_Table t2 on t1.immidiate\_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.id=t5.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.id=t8.id where t7.place="Madhapur" and t5.salary<(2\*t8.salary);