**SQL TASK-**

1.[select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) Employee\_Table.name, Department\_Table.dept\_name, Insurance\_Table.isurance\_name from Employee\_Table join Department\_Table on Employee\_Table.dept\_id=Department\_Table.dept\_id join Insurance\_Table on Employee\_Table.insurance\_id=Insurance\_Table.insurance\_id

2.[select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) Employee\_Table.name, Office\_Table.place from Employee\_Table join Employee\_Office\_Table on Employee\_Table.emp\_id=Employee\_Office\_Table.emp\_id join Office\_Table on Employee\_Office\_Table.office\_id=Office\_Table.office\_id where Office\_Table.place="Madhapur"

3.[select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) [count](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/group-by-functions.html" \l "function_count)(Employee\_Table.name) as Number, Office\_Table.place from Employee\_Table join Employee\_Office\_Table on Employee\_Table.emp\_id=Employee\_Office\_Table.emp\_id join Office\_Table on Employee\_Office\_Table.office\_id=Office\_Table.office\_id group by Office\_Table.place

4. [SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) a.name, b.isurance\_name, t4.salary FROM Employee\_Table a join Insurance\_Table b on a.insurance\_id=b.insurance\_id join Employee\_Office\_Table c on a.emp\_id=c.emp\_id join Employee\_Info\_Table d on c.id=c.id ORDER BY d.salary DESC LIMIT 1 OFFSET 2

5.[select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) [AVG](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/group-by-functions.html" \l "function_avg)(e.salary), b.dept\_name from Employee\_Table a join Department\_Table b on a.dept\_id=b.dept\_id join Employee\_Office\_Table c on a.emp\_id=c.emp\_id join Office\_Table d on c.office\_id=d.office\_id join Employee\_Info\_Table e on c.id=e.id where b.dept\_name="Software" group by b.dept\_name

6.[select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) [sum](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/group-by-functions.html" \l "function_sum)(e.salary) from Employee\_Table a join Department\_Table b on a.dept\_id=b.dept\_id join Employee\_Office\_Table c on a.emp\_id=c.emp\_id join Office\_Table d on c.office\_id=d.office\_id join Employee\_Info\_Table e on c.id=e.id where e.doj>"2022-01-02" [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_and) d.place="Madhapur"

7 [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) a.name, b.dept\_name from Employee\_Table a join Department\_Table b on a.dept\_id=b.dept\_id join Employee\_Office\_Table c on a.emp\_id=c.emp\_id join Office\_Table d on c.office\_id=d.office\_id join Employee\_Info\_Table e on c.id=e.id join Insurance\_Table f on a.insurance\_id=f.insurance\_id where e.doj>2022-01-30 [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_and) e.salary>10000 [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_and) d.place="Madhapur" [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_and) (f.isurance\_name [like](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-comparison-functions.html" \l "operator_like) 'LIC%' [or](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_or) f.isurance\_name [like](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/string-comparison-functions.html" \l "operator_like) 'ICICI')

8. select a.name as Employee,b.name as Head from Employee\_Table a join Employee\_Table b where a.immediate\_head\_id=b.emp\_id;

9. select a.name as Employee,d.dept\_name as Employee\_Dept, b.name as

Head, c.dept\_name as Immediate\_Head\_Dept from Employee\_Table a join

Employee\_Table b on a.immediate\_head\_id=b.emp\_id join

Department\_Table c on b.dept\_id=t3.dept\_id join Department\_Table d on

a.dept\_id=d.dept\_id;

10. [select](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/select.html) a.name from Employee\_Table a join Employee\_Table b on a.immediate\_head\_id=b.emp\_id join Employee\_Office\_Table c on a.emp\_id=c.emp\_id join Office\_Table d on c.office\_id=d.office\_id join Employee\_Info\_Table e on c.id=e.id join Employee\_Office\_Table f on b.emp\_id=f.emp\_id join Office\_Table g on f.office\_id=g.office\_id join Employee\_Info\_Table h on f.id=h.id where g.place="Madhapur" [and](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/5.5/en/logical-operators.html" \l "operator_and) e.salary<(2\*h.salary)