# **SQL QUARIES**

1. Find out emp name and address from your table ?

Ans: SELECT ename,eaddress

FROM emp;

2. Find out the name of the employee who are live in kolkata ?

Ans: SELECT ename,eaddress

FROM emp

WHERE eaddress="kolkata";

3. Find out the employee name who are livein kolkata and get more than 20k salary in a month ?

Ans: SELECT ename,eaddress

FROM emp

WHERE eaddress="kolkata" && esal>"20000";

4. Find out the employee name with salary from your table where the salary is in assending/decending ordeing ?

Ans: SELECT ename,esal

FROM emp

ORDER BY esal;

SELECT ename,esal (decending order)

FROM emp

ORDER BY esal DESC;

5. Find out the first tupple from your table ?

Ans : SELECT \*

FROM emp

LIMIT 1 OFFSET 0

6. Find out the last tupple from your table ?

Ans: SELECT \*

FROM emp

ORDER BY ename DESC LIMIT 1 OFFSET 0;

7. Find out the no. of employee of each citys ?

Ans : SELECT COUNT(user) AS no\_of\_emp , eaddress

FROM emp

GROUP BY eaddress;

8. Find out the no. of emp in each cities where no. of emp is must be gater than two ?

Ans: SELECT esal,eaddress

FROM `emp`

GROUP BY eaddress

HAVING COUNT(eaddress)>1

9. Find out the 2nd height salary from your table ?

Ans : SELECT ename,esal

FROM emp

ORDER BY esal DESC LIMIT 1 OFFSET 1;

**\*.Inner Join**:

Ans : SELECT emp.eaddress,dept.dept\_address,dept.headname

FROM emp INNER JOIN dept

ON emp.dept\_no=dept.dept\_no;

**\*. Left join:**

Ans: SELECT emp.eaddress,dept.dept\_address,dept.headname

FROM emp LEFT JOIN dept

ON emp.dept\_no= dept.dept\_no

**\*. right join:**

Ans : SELECT emp.eaddress,dept.dept\_address,dept.headname

FROM emp RIGHT JOIN dept

ON emp.dept\_no=dept.dept\_no;

**\*. full join:**

Ans : SELECT ename,dept\_address

FROM emp FULL JOIN dept;

10 . Find out the name of the employee whoes dept no.102 to 106 ?

Ans: SELECT ename,dept\_no

FROM emp

WHERE dept\_no BETWEEN 102 AND 106;

11.Find out the name of emploee with salary where name start with S ?

Ans: SELECT ename,esal

FROM emp

WHERE ename LIKE “S%”;

12.Find out the name of the employee with dept no whose number of alphabate is 5 ?

Ans : SELECT ename,esal

FROM `emp`

WHERE ename LIKE '\_\_\_\_\_';

**13.Find out the name of the employee name with desg/dept name where the no. is 103,105,106 ?**

Ans: SELECT ename,edesg,dept\_no

FROM `emp`

WHERE dept\_no IN(103,105,106);

**14. Find out the name of the employee in emp table where the dept no. must be gater than 104 from dept table** ?

Ans : SELECT ename,dept\_no

FROM `emp`

WHERE dept\_no IN(

SELECT dept\_no

FROM `emp`

WHERE dept\_no>104

)

**15. Find out the 2nd height salary using sub quary ?**

Ans: SELECT MAX(esal) as second\_height\_salary

FROM emp

WHERE esal<(

SELECT MAX(esal)

FROM emps

);

**16. Find out the 2nd height salary with employee from your table emp ?**

Ans : SELECT ename,esal

FROM emp

WHERE esal=(

SELECT MAX(esal)

FROM emp

WHERE esal<(

SELECT MAX(esal)

FROM emp

)

);

**\* find out the 3rd height salary from your table emp ?**

Ans: SELECT ename,esal

FROM emp

WHERE esal=(

SELECT MAX(esal)

FROM emp

WHERE esal<(

SELECT MAX(esal)

FROM emp

WHERE esal<(

SELECT MAX(esal)

FROM emp

)

)

);

**\*.Add column:**

= ALTER TABLE student

ADD COLUMN gender varchar(200)

**\*. Delete column:**

ALTER TABLE student

DROP COLUMN gender;

**\*.change column:**

ALTER TABLE student

CHANGE COLUMN gender gender1 varchar(200);

**\*. Modify Column:**

ALTER TABLE student

MODIFY COLUMN gender char(250);

**Q. Copy one table to another table?**

ANS: [CREATE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) [TABLE](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/create-table.html) student1

[SELECT](http://localhost/phpmyadmin/url.php?url=https://dev.mysql.com/doc/refman/8.0/en/select.html) \* FROM student;

Syntex of Trigger:

* Create trigger [Trigger Name]

{before| after} ------------------------- time of the trigger

[insert|update|delete] --------------- event of the trigger

On {table name}

For each [row|col]

Set

{trigger body}

17. Find out the last tuple of your table ?

Sql> SELECT \*

FROM `student`

ORDER BY roll DESC LIMIT 1;

Q5..

SELECT order\_no,customer\_name,purches\_ammount,city

FROM `question\_5`

WHERE purches\_ammount BETWEEN 500 AND 2000;

Q4.

SELECT salesman.name,customer.cust\_name,salesman.city,customer.city

FROM salesman INNER JOIN customer

ON salesman.city=customer.city;