

JOINS CONCEPTS

1) WAQTD ename and location he is working in

```
select employeename , location
from emp e inner join dept d
on e.deptno=d.deptno;
```

2) WAQTD ename deptno, dname and loc of the employee earning more than 2000 in New York.

```
select ename, e.deptno, dname, loc
from emp e inner join dept d
on e.deptno=d.deptno and sal>2000 and loc='NEW YORK';
```

3) WAQTD ename, sal and dname of the employee working as Clerk in dept 20 with a salary of more than 1800.

```
select ename, sal, dname
from emp e inner join dept d
on e.deptno=d.deptno
where job='CLERK' and e.deptno=20 and sal>1800;
```

4) WAQTD ename and loc for all the employees working as Manager

```
select ename, loc
from emp e inner join dept d
on e.deptno=d.deptno
where job='MANAGER';
```

5) WAQTD ename And dname for employees having character 'A' In their dname

```
select ename, dname
from emp e inner join dept d
on e.deptno=d.deptno and dname like '%A%';
```

6) write an SQL query to display

**The names and phone numbers of all users whose names starts with 'A'.
your output should have 2 columns as given below**

```
select name, phone
from users
where name like 'A%';
```

7) Find departments where average salary is more than 50,000

```
Select department AVG(salary) as avg_sal
From emp
Group by department
Having AVG(salary)>50,000;
```

8)Find the 2nd Highest salary

```
SELECT salary
FROM emp
ORDER BY salary DESC
LIMIT 1 OFFSET 1;
```

9) WQATD name, sal, deptno of the employees if the employees Earn more than 2000 and work in the same dept as JAMES

```
Select ename, sal, deptno
From emp
Where sal>2000 and deptno=(select deptno from emp where ename='JAMES');
```

10) WAQTD all the details of the employee working in the same designation as king

```
Select *
From emp
Where job=(select job
            from emp
            where ename='ANUJA');
```

11) Write a SQL query display 3rd highest salary

```
Select salary
From emp
Order by salary desc
Limit 1 offset 2;
```