

Name – SOUMYA BAIRAGYA

## SQL

**1. Display all the information of the EMP table?**

Select \* from emp;

**2. Display unique Jobs from the EMP table?**

Select distinct job from emp;

**3. List the emps in the asc order of their Salaries?**

Select \* from emp order by sal;

**4. List the details of the emps in asc order of the Deptno and desc of Jobs?**

Select \* from emp order by deptno asc, job desc

**5. Display all the unique job groups in the descending order?**

Select distinct job from emp order by job desc

**6. Display all the details of all 'Mgrs'**

Select \* from emp where empno in (select mgr from emp);

Select \* from emp where job = "MANAGER";

**7. List the emps who joined before 1981.**

select \* from emp where hiredate < '01/01/1981'

**8. List the Empno, Ename, Sal, Daily sal of all emps in the asc order of Annsal.**

Select empno, ename, sal, sal/30 as "DAILY SAL", sal\*12 as "ANNSAL" from emp order  
by "ANNSAL" asc;;

**9. Display Empno, Ename, Sal, Experience of all employees working for Mgr  
7369.**

select empno, ename, sal, months\_between(sysdate,hiredate) as exp from emp where  
mgr = 7369;

**10. Display all the details of the emps whose Comm. Is more than their Sal.**

select \* from emp where comm > sal;

**11. List the emps in the asc order of Designations of those joined after the second  
half of 1981.**

select \* from emp where hiredate > ('30-jun-81') and to\_char(hiredate,'YYYY') = 1981  
order by job asc;

**12. List the emps along with their Exp and Daily Sal is more than Rs.100.**

select \* from emp where (sal/30) >100;

**13. List the emps who are either 'CLERK' or 'ANALYST' in the Desc order.**

select \* from emp where job = 'CLERK' or job = 'ANALYST' order by job desc;

**14. List the emps who joined on 1-MAY-81,3-DEC-81,17-DEC-81,19-JAN-80 in asc order of seniority.**

select \* from emp where hiredate in ('01-may-81','03-dec-81','17-dec-81','19-jan-80')  
order by hiredate asc;

**15. List the emp who are working for the Deptno 10 or 20.**

select \* from emp where deptno = 10 or deptno = 20;

**16. List the emps who are joined in the year 81.**

select \* from emp where hiredate between '01-jan-81' and '31-dec-81';

**17. List the emps who are joined in the month of Aug 1980.**

select \* from emp where hiredate between '01-aug-80' and '31-aug-80';

**18. List the emps whose Annual sal ranging from 22000 and 45000.**

select \* from emp where 12\*sal between 22000 and 45000;

**19. List the Enames those are having five characters in their Names.**

```
select ename from emp where length (ename) = 5;
```

**20. List the Enames those are starting with 'S' and with five characters**

```
select ename from emp where ename like 'S%' and length (ename) = 5;
```

**21. List the emps those are having four chars and third character must be 'r'.**

```
select * from emp where length(ename) = 4 and ename like '__R%';
```

**22. List the Five character names starting with 'S' and ending with 'H'.**

```
select * from emp where length(ename) = 5 and ename like 'S%H';
```

**23. List the emps who joined in January.**

```
select * from emp where to_char (hiredate,'mon') = 'jan';
```

**24. List the emps who joined in the month of which second character is 'a'.**

```
select * from emp where to_char(hiredate,'mon') like '_a%';
```

**25. List the emps whose Sal is four digit number ending with Zero.**

```
select * from emp where length (sal) = 4 and sal like '%0';
```

**26. List the emps whose names having a character set 'll' together.**

```
select * from emp where ename like '%LL%';
```

**27. List the emps who does not belong to Deptno 20.**

```
select * from emp where deptno <>20;
```

**28. List all the emps except 'PRESIDENT' & 'MGR' in asc order of Salaries.**

```
Select * from emp where job not in ('PRESIDENT','MANAGER') order by sal asc;
```

**29. List all the emps who joined before or after 1981.**

```
select * from emp where to_char(hiredate,'YYYY') <> '1981' ;
```

**30. List the emps whose Empno not starting with digit78.**

```
select * from emp where empno not like '78%';
```

**31. List the emps who joined in any year but not belongs to the month of March.**

```
select * from emp where to_char (hiredate,'MON') not in ('MAR');
```

**32. List all the Clerks of Deptno 20.**

```
select * from emp where job ='CLERK' and deptno = 20;
```

**33. List the emps of Deptno 30 or 10 joined in the year 1981.**

```
select * from emp where to_char(hiredate,'YYYY') in ('1981') and (deptno = 30 or  
deptno =10 );
```