Q2. Solve the following

1.   Retrieve the details (Name, Salary and dept no) of the emp who are working in department code 20, 30 and 40.

2.   Display the total salary of all employees . Total salary will be calculated as sal+comm+sal*0.10

3.   List the Name and job of the emp who have joined before 1 jan 1986 and whose salary range is between 1200and 2500. Display the columns with user defined Column headers.

4.   List the empno, name, and department number of the emp works under manager with id 7698

5.   List the name, job, and salary of the emp who are working in departments 10 and 30.

6.   Display name concatenated with dept code separated by comma and space. Name the column as 'Emp info'.

7.   Display the emp details who do not have manager.

8.   Write a query which will display name, department no and date of joining of all employee who were joined January 1, 1981 and March 31, 1983. Sort it based on date of joining (ascending).

select ename,deptno,hiredate
from emp
where hiredate between '1981-1-1' and '1983-3-31'
order by hiredate

9.   Display the employee details where the job contains word 'AGE' anywhere in the Job

11.   List the details of the employee , whose names start with 'A' and end with 'S' or whose names contains N as the second or third character, and ending with either 'N' or 'S'.

select *
from emp
where ename like 'A%S' or ename like '_N%N' or ename like '_N%S' or ename like '__N%N' or ename like '__N%S'

or
select *
from emp
where ename REGEXP   '^A.*S$| ^..?N.*[NS]$'

12.   List the names of the emp having '_' character in their name.
13. find 3rd highly paid employee
14. find employee who has earned highest commission
15. display ascii value of 1st character of job from emp
16. display empno,ename,job,code code should be 1 st 3 characters of ename and 1st 3 characters of job

Single Row functions

1. To list all employees and their email, to generate email use 2 to 5 characters from ename Concat it with 2 to 4 characters in job and then concat it with '@mycompany.com'
2. List all employees who joined in September.
3. List the empno, name, and department number of the emp who have experience of 18 or more years and sort them based on their experience.
4. Display the employee details who joined on 3rd of any month or any year
5. display all employees who joined between years 1981 to 1983.