

LAB ASSIGNMENT 2

**Based on Emp table Columns are EmpNo, Ename, Job, Salary, Commission, DeptNO
Insert 5 records by storing Null value in some records for commission column.**

```
create table emp (  
emp_no number (4),  
emp_name char (10),  
job char (10),  
salary number (6),  
commision number (6),  
dep_no number (2)  
);  
  
insert into emp values(1,'kunwar','soft_eng',50000,50000,10);  
insert into emp values (2,'ram','salesper',500, null,36);  
insert into emp values(3,'rahul','finance',60000,10,10);  
insert into emp values (4,'parv','clerk',700, null,24);  
insert into emp values (5,'ashwan','none',2500, null,64);
```

QUES1: Get employee no and employee name who works in dept no 10?

ANS: select emp_no, emp_name from emp where dep_no=10;

QUES2: Display the employee names of those clerks whose salary > 2000?

ANS: select emp_name from emp where salary>2000;

QUES3: Display name and job of Salesperson & Clerks?

ANS: select emp_name,job from emp where job='salesper'or job='clerk';

QUES4: Display all details of employees whose salary between 2000 and 3000?

ANS: select * from emp where salary between 2000 and 3000;

QUES5: Display all details of employees whose dept no is 10, 20, or 30?

ANS: select * from emp where dep_no in (10,20,30);

QUES6: Display name of those employees whose commission is NULL?

ANS: select emp_name from emp where commision is null;

QUES7: Display dept no & salary in ascending order of dept no and within each dept no salary should be in descending order?

ANS: select dep_no,salary from emp where order by dep_no, salary desc;

QUES8: Display name of employees having two 'a' or 'A' chars in the name?

ANS: select emp_name from emp where emp_name like '%a%a%';

QUES9: Display the name of the employees whose second char is 'u'?

ANS: select emp_name from emp where emp_name like '_u%';

QUES10: Display the name of the employees whose first or last char is 'a' or 'n'?

ANS: select emp_name from emp where emp_name like 'a%_n%';

QUES11: Display maximum, minimum, average salary of deptno 10 employees.

ANS: select avg(salary), min(salary), max(salary) from emp where dep_no=10;

QUES12: Display total number of employees working in deptno 20?

ANS: select count(emp_no) from emp where dep_no=10;

QUES13: Display total salary paid to clerks?

ANS: select sum(salary) from emp where job='clerk';

QUES14: Display system date?

ANS: select sysdate from dual;

QUES15: Display the result of $(12*12)/13$?

ANS: select $(12*12)/13$ from dual;

QUES16: Display info of 'raj' irrespective to the case in which the data is stored.

ANS: select * from emp where upper(emp_name) = upper('raj');