/\* ALL EMP DETAILS\*/

SELECT \*

FROM EMP;

/\*ONLY ANALYST AND SALESMAN\*/

SELECT ENAME

FROM EMP

WHERE JOB='ANALYST'

OR JOB='SALESMAN';

/\*ONLE EMPLOYEES WITH 7369 ,7521, 7839, 7934, 7788\*/

SELECT ENAME, EMPNO

FROM EMP

WHERE EMPNO IN(7369,7521,7839,7934,7788);

/\* NOT BELONG TO DEPTNO 30,40,10\*/

SELECT ENAME

FROM EMP

WHERE EMPNO NOT IN(30,40,10);

/\*EMPS F DEPT 20\*/

SELECT ENAME

FROM EMP

WHERE DEPTNO=20;

/\*NAME HIREDATE WITH SAL IN DEC\*/

SELECT ENAME,HIREDATE,SAL

FROM EMP

ORDER BY SAL DESC;

/\* HRA DA PF\*/

SELECT ENAME,SAL,(SAL\*12)/100 AS PF,(SAL\*50)/100 AS HRA,(SAL\*30)/100 AS DA,(SAL+(SAL\*012)+(SAL\*0.3)+(SAL\*0.5))AS 'Gross'

FROM EMP

ORDER BY Gross;

/\*NOT REPORTING TO ANYBODY\*/

SELECT ENAME,JOB

FROM EMP

WHERE JOB='PRESIDENT';

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16/09/2021

/\* 1 no of emp\*/

SELECT COUNT(ENAME)

FROM EMP;

/\*2 LIST THE NO ID DESIGNATIONS \*/

SELECT COUNT( DISTINCT JOB)

FROM EMP;

/\*3 TOTAL SAL \*/

SELECT SUM(SAL) AS 'TOTAL'

FROM EMP;

/\*4 MAX SAL TO SALESMAN\*/

SELECT MAX(SAL)

FROM EMP

WHERE JOB='SALESMAN';

/\*5 number of employees and average salary for employees in department 20\*/

SELECT COUNT(EMPNO) AS 'NO OF EMP IN DEPT 20', AVG(SAL) AS 'AVERAGE SAL IN DEPT20'

FROM EMP

WHERE DEPTNO=20;

/\*6 employee name and hiredate in the descending order of their basic salary\*/

SELECT ENAME ,HIREDATE,SAL

FROM EMP

ORDER BY SAL DESC

/\*7 department numbers and number of employees in each department\*/

SELECT DEPTNO ,COUNT(DEPTNO) AS 'NO OF EMPS IN DEPT'

FROM EMP

GROUP BY DEPTNO;

/\*8 department number and total salary payable in each department\*/

SELECT DEPTNO ,SUM(SAL) AS 'TOTAL SAL IN EACH DEPT'

FROM EMP

GROUP BY DEPTNO;

/\*9 total salary, maximum and minimum salary and average salary of the employees jobwise for department 20 and display only those rows having an average salary > 1000\*/

SELECT JOB ,SUM(SAL) AS ' TOTAL',

MAX(SAL) AS ' MAX',

MIN(SAL)AS 'MIN',

AVG(SAL) AS ' AVG'

FROM EMP

WHERE DEPTNO=20

GROUP BY JOB

HAVING AVG(SAL)>1000;

/\*10 jobs and number of employees in each job. The result should be in the descending order of the number employees\*/

SELECT DISTINCT JOB,COUNT(EMPNO)

FROM EMP

GROUP BY JOB

ORDER BY COUNT(EMPNO) DESC;

/\*11 total salary, maximum and minimum salary and average salary of the employees jobwise\*/

SELECT JOB,SUM(SAL) AS 'TOTAL SAL',

MAX(SAL) AS 'MAX SAL',

MIN(SAL) AS 'MIN SAL',

AVG(SAL) AS 'AVG SAL'

FROM EMP

GROUP BY JOB ;

/\*12 total salary, maximum and minimum salary and average salary of the employees for department 20\*/

SELECT SUM(SAL) AS 'TOTAL SAL',

MAX(SAL) AS 'MAX SAL',

MIN(SAL) AS 'MIN SAL',

AVG(SAL) AS 'AVG SAL'

FROM EMP

WHERE DEPTNO=20;