RDBMS ASSIGNMENT

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/\* 1 Write a query to list all the employees who are working as clerk \*/

SELECT ENAME,JOB

FROM EMP

WHERE JOB='CLERK';

/\*2. Write a query to list the employees who are working as clerks or managers\*/

SELECT ENAME,JOB

FROM EMP

WHERE JOB='CLERK' OR JOB='MANAGER';

/\*3.Write a query to get the current date\*/

SELECT CONVERT(DATE,GETDATE())

/\*4. Write a query to list the employees whose salaries are within the range of 500 and 1000\*/

SELECT ENAME,SAL

FROM EMP

WHERE SAL BETWEEN '500' AND '1000';

/\*5. Write a query to list the employees who have joined in the month of December\*/

SELECT ENAME,HIREDATE

FROM EMP

WHERE MONTH(HIREDATE)=12

/\*6. Write a query to list the employees whose salaries are not within the range of 1000 and 2500\*/

SELECT ENAME,SAL

FROM EMP

WHERE SAL NOT BETWEEN '1000' AND '2500'

ORDER BY SAL;

/\*7. Write a query who are getting 800, 950, 3000,5000\*/

SELECT ENAME ,SAL

FROM EMP

WHERE SAL IN(800,950,3000,5000);

/\*8. To list all the employees whose names are having ‘L’ as second character\*/

SELECT ENAME

FROM EMP

WHERE ENAME LIKE '\_L%'

/\*9. To list all the employees whose names are having ‘D’ as last character

SELECT ENAME

FROM EMP

WHERE ENAME LIKE '%%D'

/\*10. To list all the employees whose names are having just 5 characters as length\*/

SELECT ENAME

FROM EMP

WHERE LEN(ENAME)=5

/\*11. To list all the employees whose names are starting with ‘T’ and ending with ‘R’\*/

SELECT ENAME

FROM EMP

WHERE ENAME LIKE 'T\_R%'

/\*12. Display those employees who's name contains "A"?\*/

SELECT ENAME

FROM EMP

WHERE ENAME LIKE '%%A%%'

/\*13. Display those employee who joined the company before 19th of the month?\*/

SELECT ENAME,HIREDATE

FROM EMP

WHERE DAY(HIREDATE)<19

/\*14. What is the employee number of 'James' \*/

SELECT ENAME,EMPNO

FROM EMP

WHERE ENAME='JAMES';

/\*15. What is the salary of 'king'\*/

SELECT ENAME ,SAL

FROM EMP

WHERE ENAME='KING';

/\*16. Who is the President for organization?\*/

SELECT ENAME ,JOB

FROM EMP

WHERE JOB='PRESIDENT';

/\*17. List all details of all the managers?\*/

SELECT ENAME ,JOB

FROM EMP

WHERE JOB='MANAGER';

/\*18. Give employee details for employees drawing commission?\*/

SELECT ENAME,COMM

FROM EMP

WHERE COMM IS NOT NULL;

/\*19. List employees who joined before april-1981?\*/

SELECT ENAME ,HIREDATE

FROM EMP

WHERE HIREDATE<'01-04-1981'

/\*20&21. What is the salary of following:

King, Blake, Ford, Smith\*/

SELECT ENAME,SAL

FROM EMP

WHERE ENAME IN('KING','BLAKE','FORD','SMITH');

/\*22. Who is drawing salary less than 3500\*/

SELECT ENAME,JOB,SAL

FROM EMP

WHERE SAL<3500;

/\*23. List the details of all the clerks\*/

SELECT \*

FROM EMP

WHERE JOB='CLERK';

/\*24. what is the annual salary for each the employee \*/

SELECT ENAME,SAL,SAL\*12 AS 'ANNAUL SALARY'

FROM EMP

/\*25. if there is a hike in monthly salary by 20% for ford, what will be his annual Salary \*/

SELECT ENAME,SAL,SAL\*0.2\*12 AS 'ANNUAL SALARY WITH 20% MONTHLY HIKE'

FROM EMP

WHERE ENAME='FORD'

/\*26. What is the total salary for each department\*/

SELECT DISTINCT DEPTNO, SUM(SAL) AS 'TOTAL SALARY '

FROM EMP

GROUP BY DEPTNO;

/\*27.

SELECT MIN(SAL) AS 'LOWEST SALARY IN DEPT10'

FROM EMP

GROUP BY DEPTNO

/\*28. What is the average salary for Managers\*/

SELECT JOB, AVG(SAL) AS 'AVERAGE SALARY FOR MANAGERS'

FROM EMP

GROUP BY JOB

HAVING JOB='MANAGER'

/\*29. What is the total salary for salesman \*/

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

FROM EMP

GROUP BY JOB

HAVING JOB='SALESMAN'

/\*30(ERROR) Which department is having the lowest average salary?\*/

SELECT DEPTNO,MIN(SAL)

FROM EMP

GROUP BY DEPTNO

HAVING BY SAL=MIN(SAL);

/\*31. How many persons are in each role?\*/

SELECT JOB,COUNT(\*) AS 'IN EACH DEPT'

FROM EMP

GROUP BY JOB

/\*32.(ERROR) What is the highest salary among analyst\*/

SELECT ENAME,MAX(SAL)

FROM EMP

GROUP BY JOB

HAVING JOB='ANALYST'

/\*33. What is the highest commission paid\* /

SELECT MAX(COMM) AS 'HIGHEST COMMISSION PAID'

FROM EMP;

/\* 34.(CONSIDERING DEPT TABLE) How many departments are there\*/

SELECT COUNT(DISTINCT DEPTNO) AS 'TOTAL DEPARTMENTS'

FROM DEPT

--34(CONSIDERING EMP TABLE)

SELECT COUNT(DISTINCT DEPTNO) AS 'TOTAL DEPARTMENTS'

FROM EMP

/\*35. List the names in which 3rd  character is L\*/

SELECT E NAME

FROM EMP

WHERE ENAME LIKE '\_%\_L%'

select \*

from emp

WHERE DEPTNO=10