USE training

/\*ALL DETAILS\*/

SELECT \*

FROM EMP;

SELECT \*

FROM dept;

/\*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='MANAGER'

or JOB='clerk';

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

SELECT CONVERT(date, GETDATE()) AS 'Date';

/\*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;

/\*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 \*

FROM EMP

WHERE JOB='MANAGER';

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

SELECT \*

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.What is the salary of following: \*/

/\*21.King, Blake, Ford, Smith\*/

SELECT EMPNO,ENAME,JOB,MGR,HIREDATE,SAL,COMM,DEPTNO

FROM EMP

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

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

SELECT ENAME,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 employees\*/

SELECT ENAME,sal,SAL\*12"ANNUALSAL"

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\*20)/100))\*12 annualSalary

FROM EMP

WHERE ENAME = 'ford';

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

/\*SELECT \*FROM DEPT;SELECT \*FROM EMP;\*/

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

FROM EMP

GROUP BY DEPTNO;

/\*27.Who is drawing the lowest salary in dept 10\*/

SELECT TOP 1 ENAME,SAL

FROM EMP

WHERE DEPTNO = '10'

ORDER BY SAL;

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

SELECT JOB,AVG(SAL)"AVERAGESAL"

FROM EMP

GROUP BY JOB

HAVING JOB='MANAGER';

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

SELECT JOB,SUM(SAL)"TOTALSAL"

FROM EMP

GROUP BY JOB

HAVING JOB='SALESMAN';

/\*30.Which department is having the lowest average salary?\*/

SELECT TOP 1 DEPTNO, AVG(SAL)

FROM EMP

GROUP BY DEPTNO

ORDER BY 2;

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

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

FROM EMP

GROUP BY JOB;

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

SELECT TOP 1 JOB, SAL

FROM EMP

WHERE JOB = 'analyst'

ORDER BY SAL DESC;

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

SELECT MAX(COMM) AS 'HIGHEST COMMISSION PAID'

FROM EMP;

/\*34.How many departments are there\*/

SELECT COUNT(DISTINCT DEPTNO) AS 'TOTAL DEPARTMENTS'

FROM DEPT;

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

SELECT ENAME

FROM EMP

WHERE ENAME LIKE '\_%\_L%';