

19/10/2023

TOPIC:-

WHERE CLAUSE

QUESTIONS ON SELECTION ( WHERE CLAUSE ) :-

1.WAQT D THE ANNUAL SALARY OF THE EMPS WHOSE NAME IS SMITH

```
SELECT SAL*12 "ANNUAL SALARY"
FROM EMP
WHERE ENAME='SMITH';
```

ANNUAL SALARY

```
-----
          9600
```

2.WAQT D NAME OF THE EMPS WORKING AS CLERK

```
SELECT ENAME
FROM EMP
WHERE JOB='CLERK';
```

ENAME

```
-----
SMITH
ADAMS
JAMES
MILLER
```

3.WAQT D SALARY OF THE EMPS WHO ARE WORKING AS SALESMAN

```
SELECT SAL SALARY
FROM EMP
WHERE JOB='SALESMAN';
```

```
      SALARY
-----
      1600
      1250
      1250
      1500
```

4.WAQT D DETAILS OF THE EMPS WHO EARNS MORE THAN 2000

```
SELECT *
FROM EMP
WHERE SAL>2000;
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
COMM	DEPTNO				
20	7566	JONES	MANAGER	7839 02-APR-81	2975
30	7698	BLAKE	MANAGER	7839 01-MAY-81	2850
10	7782	CLARK	MANAGER	7839 09-JUN-81	2450

```

20      7788 SCOTT      ANALYST      7566 19-APR-87      3000
10      7839 KING      PRESIDENT      17-NOV-81      5000
20      7902 FORD      ANALYST      7566 03-DEC-81      3000

```

6 rows selected.

5.WAQTD DETAILS OF THE EMPS WHOS NAME IS JONES

```

SELECT *
FROM EMP
WHERE ENAME='JONES';

```

```

      EMPNO ENAME      JOB      MGR HIREDATE      SAL
COMM      DEPTNO
-----
- - - - -
20      7566 JONES      MANAGER      7839 02-APR-81      2975

```

6.WAQTD DETAILS OF THE EMPS WHO WAS HIRED AFTER 01-JAN-81

```

SELECT *
FROM EMP
WHERE HIREDATE<'01-JAN-81';

```

```

      EMPNO ENAME      JOB      MGR HIREDATE      SAL
COMM      DEPTNO
-----
- - - - -
20      7369 SMITH      CLERK      7902 17-DEC-80      800

```

7.WAQTD NAME AND SAL ALONG WITH HIS ANNUAL SALARY IF THE ANNUAL SALARY IS MORE THAN 12000

```

SELECT ENAME,SAL,SAL*12 "ANNUAL SALARY"
FROM EMP
WHERE SAL*12>12000;

```

```

ENAME      SAL ANNUAL SALARY
-----
ALLEN      1600      19200
WARD      1250      15000
JONES      2975      35700
MARTIN     1250      15000
BLAKE      2850      34200
CLARK      2450      29400
SCOTT      3000      36000
KING      5000      60000
TURNER     1500      18000
ADAMS      1100      13200
FORD      3000      36000
MILLER     1300      15600

```

12 rows selected.

8.WAQTD EMPNO OF THE EMPS WHO ARE WORKING IN DEPT 30

```
SELECT EMPNO
FROM EMP
WHERE DEPTNO=30;
```

EMPNO
7499
7521
7654
7698
7844
7900

6 rows selected.

9.WAQTD ENAME AND HIREDATE IF THEY ARE HIRED BEFORE 1981

```
SELECT ENAME,HIREDATE
FROM EMP
WHERE HIREDATE <'01-JAN-1981';
```

ENAME	HIREDATE
SMITH	17-DEC-80

10.WAQTD DETAILS OF THE EMPS WORKING AS MANAGER

```
SELECT *
FROM EMP
WHERE JOB='MANAGER';
```

EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
7566	JONES	MANAGER	7839	02-APR-81	2975
7698	BLAKE	MANAGER	7839	01-MAY-81	2850
7782	CLARK	MANAGER	7839	09-JUN-81	2450

11.WAQTD NAME AND SALARY GIVEN TO AN EMPS IF EMPLOYEE EARNS A COMMISSION OF RUPEES 1400

```
SELECT ENAME, SAL SALARY
FROM EMP
WHERE COMM=1400;
```

ENAME	SALARY
MARTIN	1250

12.WAQTD DETAILS OF EMPS HAVING COMMISSION MORE THAN SALARY

```
SELECT *
FROM EMP
WHERE COMM > SAL;
```

COMM	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
	DEPTNO					
1400	7654	MARTIN	SALESMAN	7698	28-SEP-81	1250
	30					

13.WAQTD EMPNO OF EMPS HIRED BEFORE THE YEAR 87

```
SELECT EMPNO
FROM EMP
WHERE HIREDATE < '01-JAN-87';
```

EMPNO
7369
7499
7521
7566
7654
7698
7782
7839
7844
7900
7902
7934

12 rows selected.

14.WAQTD DETAILS OF EMPS WORKING AS AN 'ANALYST'

```
SELECT *
FROM EMP
WHERE JOB='ANALYST';
```

COMM	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
	DEPTNO					
20	7788	SCOTT	ANALYST	7566	19-APR-87	3000
20	7902	FORD	ANALYST	7566	03-DEC-81	3000

15.WAQTD DETAILS OF EMPS EARNING MORE THAN 2000 RUPEESÂ PERÂ MONTH

```
SELECT *
FROM EMP
WHERE SAL>2000;
```

COMM	EMPNO	ENAME	JOB	MGR	HIREDATE	SAL
	DEPTNO					

```
-----
-  -----
20      7566 JONES      MANAGER      7839 02-APR-81      2975
30      7698 BLAKE      MANAGER      7839 01-MAY-81      2850
10      7782 CLARK      MANAGER      7839 09-JUN-81      2450
20      7788 SCOTT      ANALYST      7566 19-APR-87      3000
10      7839 KING      PRESIDENT          17-NOV-81      5000
20      7902 FORD      ANALYST      7566 03-DEC-81      3000

6 rows selected.
```