

-- Day-4

-- Operator:

-- 1.Arithmetc operator: (+,-,*,/)
-- 2.Relational operator: (< , > , >= , <=)
-- 3.Comparion operator: (= , != or <>)
-- 4.concatenation operator: (||)
-- 5.Logical operator:(AND , OR, NOT)
-- 6.Special Operator:(IN , NOT IN , IS ,NOT IS , BETWEEN , NOT BETWEEN,
-- LIKE , NOT LIKE)
-- 7.sub-query operator: (ALL , ANY, EXISTS , NOT EXISTS)

-- 1.WAQTD DETAILS OF THE EMPLOYEES WORKING AS CLERK AND EARNING LESS THAN 1500

--> SELECT * FROM EMP
-> WHERE JOB='CLERK'AND SAL<1500;

-- 2.WAQTD NAME AND HIREDATE OF THE EMPLOYEES WORKING AS MANAGER IN DEPT 30

-->SELECT ENAME, HIREDATE FROM EMP
-> WHERE JOB='MANAGER' AND DEPTNO=30;

-- 3.WAQTD DETAILS OF THE EMP ALONG WITH ANNUAL SALARY IF THEY ARE WORKING IN DEPT 30 AS SALESMAN AND THEIR ANNUAL SALARY HAS TO BE GREATER THAN 14000.

--> SELECT EMP.* ,SAL*12 AS ANNUAL_SALARY FROM EMP
-> WHERE DEPTNO=30 AND JOB='SALESMAN'
-> AND SAL*12>1400;

-- 4.WAQTD ALL THE DETAILS OF THE EMP WORKING IN DEPT 30 OR AS ANALYST

--> SELECT * FROM EMP
-> WHERE DEPTNO=30 OR JOB='ANALYST';

-- 5.WAQTD NAMES OF THE EMPLOYEES WHOS SALARY IS LESS THAN 1100 AND THEIR DESIGNATION IS CLERK

-->SELECT ENAME FROM EMP
-> WHERE SAL <1100 AND JOB='CLERK';

-- 6.WAQTD NAME AND SAL, ANNUAL SAL AND DEPTNO IF DEPTNO IS 20 EARNING MORE THAN 1100 AND ANNUAL SALARY EXCEEDS 12000

--> SELECT ENAME, SAL ,SAL*12 AS ANNUAL_SALARY FROM EMP
-> WHERE DEPTNO=20
-> AND SAL>1100
-> AND SAL*12>12000;

-- 7.WAQTD EMPNO AND NAMES OF THE EMPLOYEES WORKING AS MANAGER IN DEPT 20

--> SELECT EMPNO,ENAME FROM EMP
-> WHERE JOB='MANAGER' AND DEPTNO=20;

8. WAQTD DETAILS OF EMPLOYEES WORKING AS MANAGER IN DEPT 208.WAQTD DETAILS OF EMPLOYEES WORKING IN DEPT 20 OR 30

SELECT * FROM EMP
-> WHERE DEPTNO IN(20,30);

OR

SELECT * FROM EMP
-> WHERE DEPTNO=20 OR DEPTNO=30;

-- 9.WAQTO DETAILS OF EMPLOYEES WORKING AS ANALYST IN DEPT 20.

SELECT * FROM EMP
-> WHERE JOB='ANALYST' AND DEPTNO=20;

-- 10, WAQYD DETAILS OF EMPLOYDE WORKING AS PRESIDENT WITHI SALARY OF RUPEES 5000 .

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SELECT * FROM EMP  
-> WHERE JOB='PRESIDENT' AND SAL=5000;
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11, WAQTD NAMES AND DEPTNO, JOB OF EMPS WORKING AS CLERK IN DEPT 10 OR 20

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SELECT ENAME ,DEPTNO,JOB FROM EMP  
-> WHERE JOB='CLERK' AND DEPTNO IN (10,20);
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-- 12.WAQTD DETAILS OF EMPLOYEES WORKING AS CLERK OR MANAGER IN DEPT 10.

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--> SELECT * FROM EMP  
--> WHERE JOB='CLERK' OR JOB='MANAGER' AND DEPTNO= 10;
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-- 13. WAQTD NAMES OF EMPLOYEES WORKING IN DEPT 10,20,30,40.

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-->SELECT ENAME FROM EMP  
WHERE DEPTNO IN(10,20,30,40);
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-- 14. WAQTD DETAILS OF EMPLOYEES WITH EMPNO 7902,7839.

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--> SELECT * FROM EMP  
WHERE EMPNO IN(7902,7839);
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-- 15.WAQTD DETAILS OF EMPLOYEES WORKING AS MANAGER OR SALESMAN OR CLERK

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--> SELECT * FROM EMP  
WHERE JOB IN('MANAGER','CLERK','SALESMAN');
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-- 16. WAQTD NAMES OF EMPLOIDES HIRED AFTER 81 AND BEFORE 87

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-->SELECT ENAME FROM EMP  
WHERE HIREDATE >81 AND HIREDATE <87;
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