

-- Day-4

-- Operator:

- 1.Arithmetic 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, EXITS , NOT EXITS)

-- 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 20.8.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 .

```
SELECT * FROM EMP
-> WHERE JOB='PRESIDENT' AND SAL=5000;
```

11, WAQTD NAMES AND DEPTNO, JOB OF EMPS WORKING AS CLERK IN DEPT 10 OR 20

```
SELECT ENAME ,DEPTNO,JOB FROM EMP
-> WHERE JOB='CLERK' AND DEPTNO IN (10,20);
```

-- 12.WAQTD DETAILS OF EMPLOYEES WORKING AS CLERK OR MANAGER IN DEPT 10.

```
--> SELECT * FROM EMP
-> WHERE JOB='CLERK' OR JOB='MANAGER' AND DEPTNO= 10;
```

-- 13. WAQTD NAMES OF EMPLOYEES WORKING IN DEPT 10,20,30,40.

```
-->SELECT ENAME FROM EMP
WHERE DEPTNO IN(10,20,30,40);
```

-- 14. WAQTD DETAILS OF EMPLOYEES WITH EMPNO 7902,7839.

```
--> SELECT * FROM EMP
WHERE EMPNO IN(7902,7839);
```

-- 15.WAQTD DETAILS OF EMPLOYEES WORKING AS MANAGER OR SALESMAN OR CLERK

```
--> SELECT * FROM EMP
WHERE JOB IN('MANAGER','CLERK','SALESMAN');
```

-- 16. WAQTD NAMES OF EMPLOIDES HIRED AFTER 81 AND BEFORE 87

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