

ASSIGNMENT ON SELF JOIN:-

ASSIGNMENT-17

1) WQTD Name of the employee and his manager's name if employees is working as clerk.

```
SELECT E1.ENAME, E2.ENAME FROM EMP E1, EMP E2
WHERE E1.MGR = E2.EMPNO AND E1.JOB = 'CLERK';
```

2) WQTD name of the employee and manager's designation if manager works in dept 10 or 20.

```
SELECT E1.ENAME, E2.JOB FROM EMP E1, EMP E2
WHERE E2.DEPTNO IN (10, 20) AND E1.MGR = E2.EMPNO;
```

3) WQTD name of the employee and manager's Salary if employee and manager both com more than 2300.

```
SELECT ENAME E1.ENAME, E2.SAL FROM EMP E1, EMP E2
WHERE E1.MGR = E2.EMPNO AND E1.SAL > 2300 AND E2.SAL > 2300;
```


4) WHATD EMP name and manager's hiredate if employee was hired before 1982.

```
SELECT E1.ENAME, E2.HIREDATE FROM EMP E1, EMP E2  
WHERE E1.MGR = E2.EMPNO AND E1.HIREDATE < '01-JAN-8982';
```

5) WHATD EMP name and manager's comm if employee works as a salesman and manager works in dept 30.

```
SELECT E1.ENAME, E2.COMM FROM EMP E1, EMP E2  
WHERE E1.MGR = E2.EMPNO AND E1.JOB = 'SALESMAN' AND E2.DEPTNO = 30;
```

6) WHATD EMP name and manager name and their salaries if employees earns more than manager

```
SELECT E1.ENAME, E1.SAL, E2.ENAME, E2.SAL FROM EMP E1, EMP E2  
WHERE E1.MGR = E2.EMPNO AND E1.SAL > E2.SAL;
```


7.) **W/OTD** Emp name and hiredate, manager name and hiredate if manager was hired before employee.

```
SELECT E1.ENAME, E1.HIREDATE, E2.ENAME, E2.HIREDATE FROM EMP E1, EMP E2.  
WHERE E2.HIREDATE < E2.HIREDATE E1.HIREDATE AND E1.MGR = E2.EMPNO;
```

8.) **W/OTD** Emp name and manager name if both are working in same job

```
SELECT E1.ENAME, E2.ENAME FROM EMP E1, EMP E2  
WHERE E1.MGR = E2.EMPNO AND E1.JOB = E2.JOB;
```


9.) WANTS emp name and manager name if manager is working as actual manager with their annual salaries if employee works in dept 10, 20 and manager's sal is greater than employee salary.

```
SELECT E1.ENAME, E1.SAL * 12, E2.ENAME, E2.SAL * 12 FROM EMP E1, EMP E2
WHERE E2.JOB = 'MANAGER' AND E2 E1.MGR = E1.EMPNO
AND E1.DEPTNO IN (10, 20) AND E2.SAL > E1.SAL.
```

10.) WANTS employees name and manager's salary for all the employees if manager's salary ends with 50.

```
SELECT E1.ENAME, E2.SAL FROM EMP E1, EMP E2
WHERE E1.MGR = E2.EMPNO AND E2.SAL LIKE '%50';
```