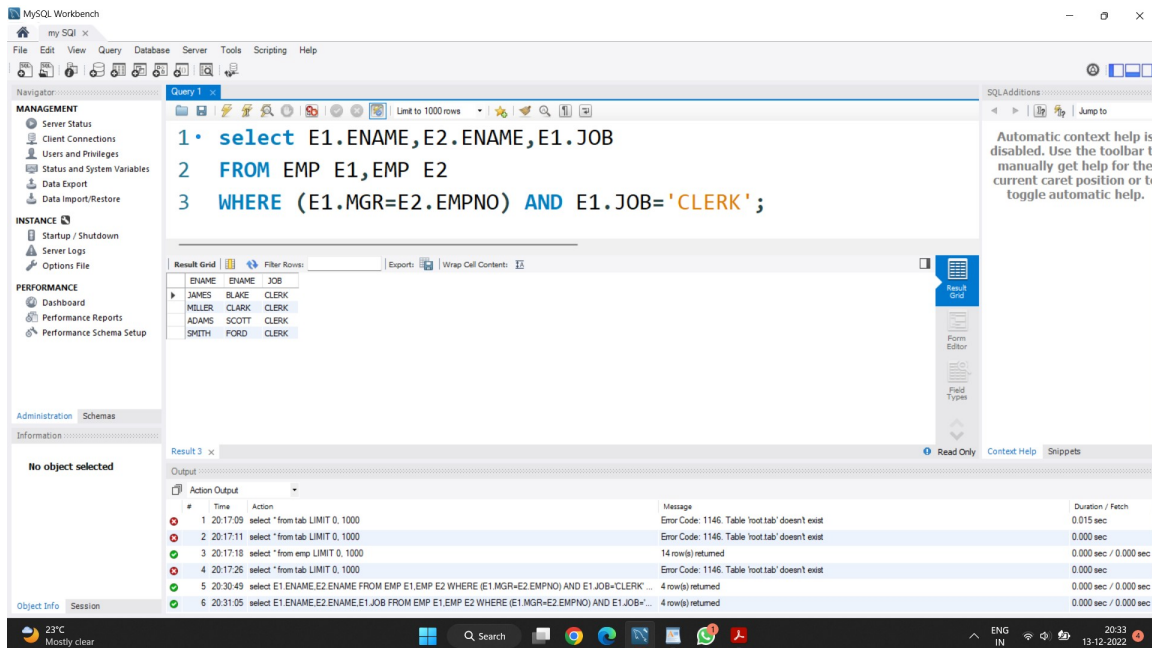# ASSIGNMENT ON SELF-JOIN 12/12/2022.

1.WAQTD NAME OF THE EMPLOYEE AND HIS MANAGER'S NAME IF EMPLOYEE IS WORKING AS CLERK.

2.WAQTD NAME OF THE EMPLOYEE AND MANAGER'S DESIGNATION IF MANAGER WORKS IN DEPT 10 OR 20.

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

ENAME	JOB	DEPTNO
SMITH	ANALYST	20
JONES	PRESIDENT	10
BLAKE	PRESIDENT	10
CLARK	PRESIDENT	10
SCOTT	MANAGER	20
ADAMS	ANALYST	20
FORD	MANAGER	20
MILLER	MANAGER	10
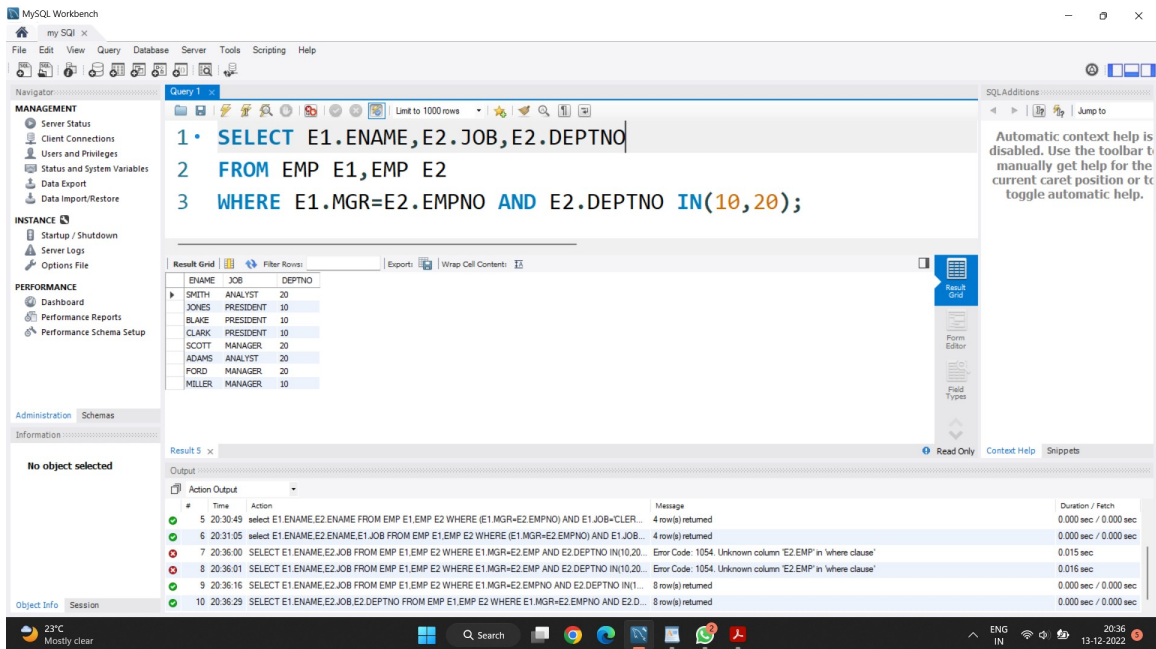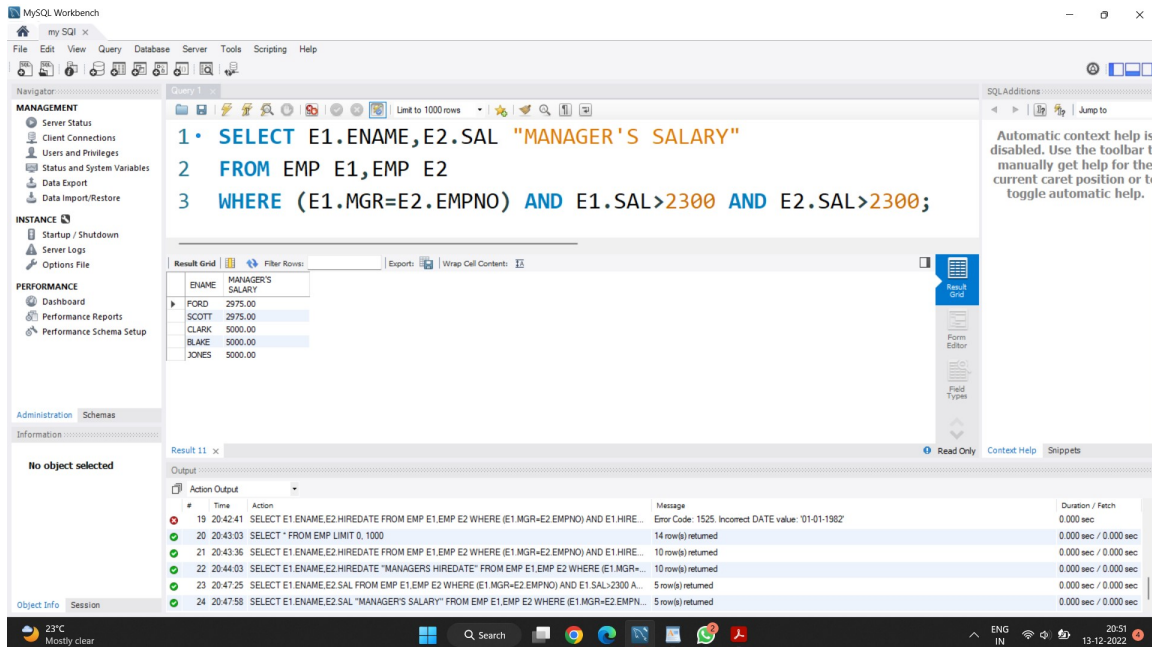
4)WAQTD EMP NAME AND MANAGER'S HIREDATE IF EMPLOYEE WAS HIRED BEFORE1982


```sql
1   SELECT E1.ENAME,E2.HIREDATE "MANAGERS HIREDATE"
2   FROM EMP E1,EMP E2
3   WHERE (E1.MGR=E2.EMPNO) AND E1.HIREDATE<'1982-01-01';
```
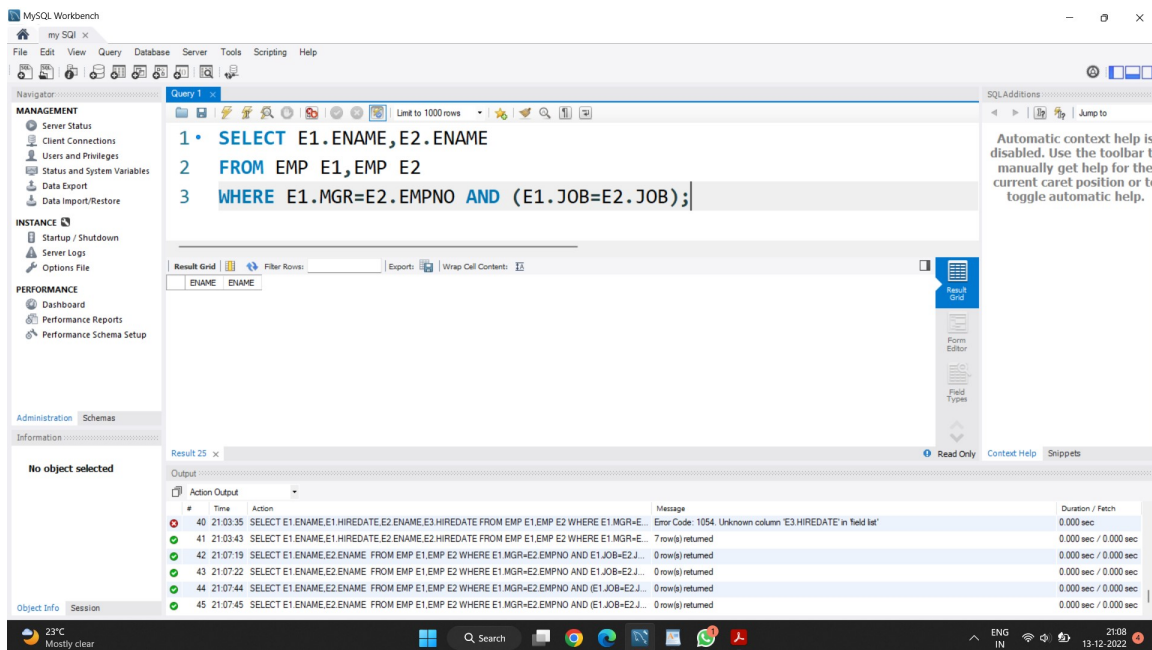
ENAME	MANAGERS HIREDATE
FORD	1981-04-02
JAMES	1981-05-01
TURNER	1981-05-01
MARTIN	1981-05-01
WARD	1981-05-01
ALLEN	1981-05-01
CLARK	1981-11-17
BLAKE	1981-11-17
JONES	1981-11-17
SMITH	1981-12-03
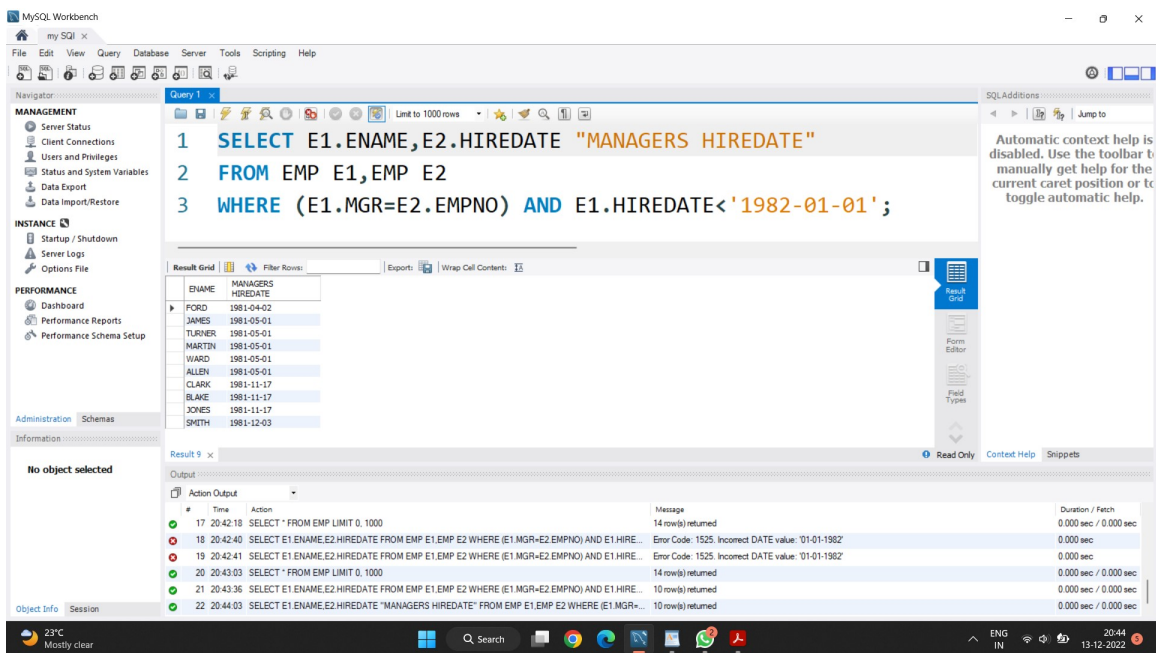
3.WAQTD NAME OF THE EMP AND MANAGERS SALARY IF

EMPLOYEE AND MANAGER BOTH EARN MORE THAN 2300.

5.WAQTD EMP NAME AND MANAGER'S COMM IF
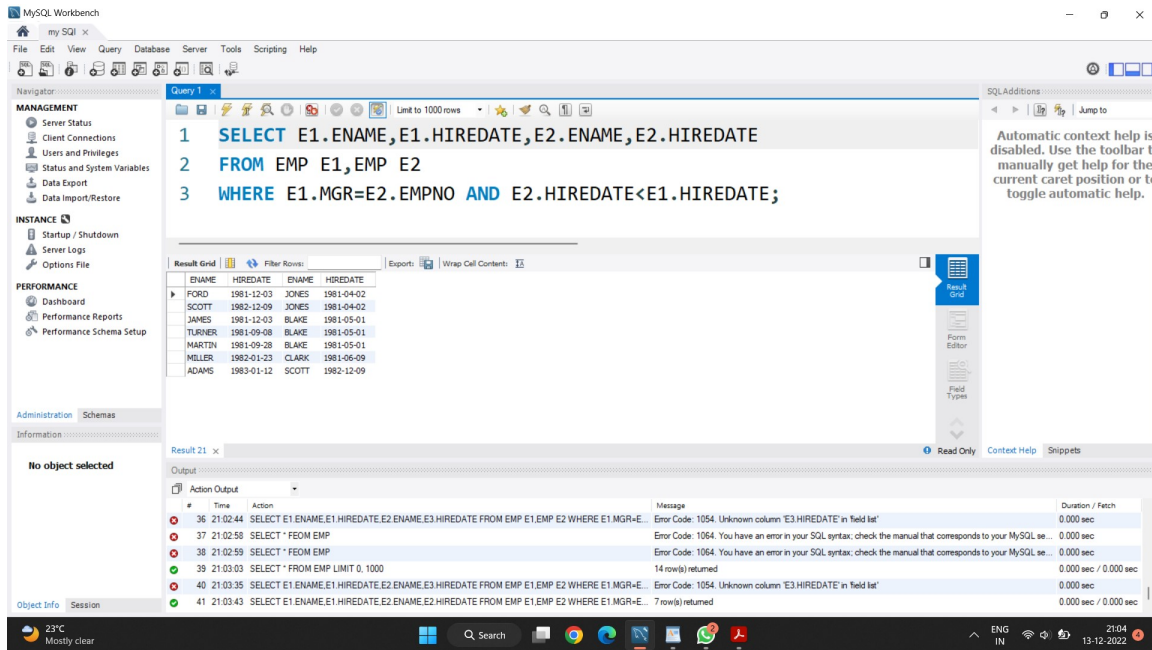EMPLOYEE WORKS AS SALESMAN AND MANAGER
WORKS IN DEPT 30 .
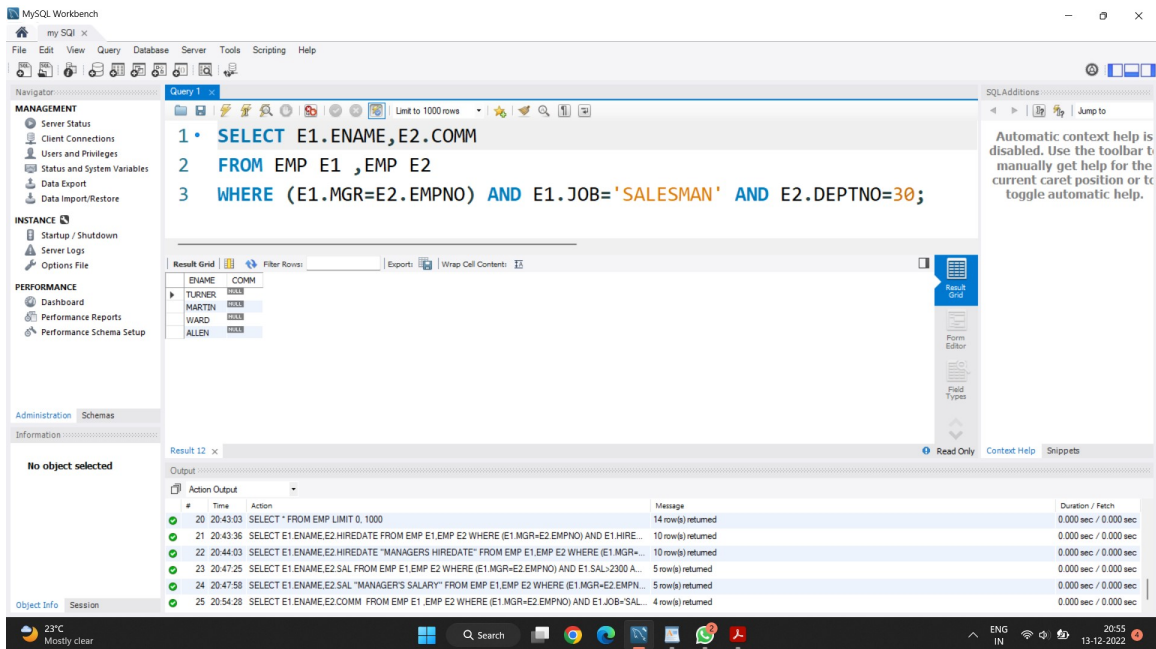
6.WAQTD EMP NAME AND MANAGER NAME AND THEIR
SALARIES IF EMPLOYEE EARNS MORE THAN MANAGER .
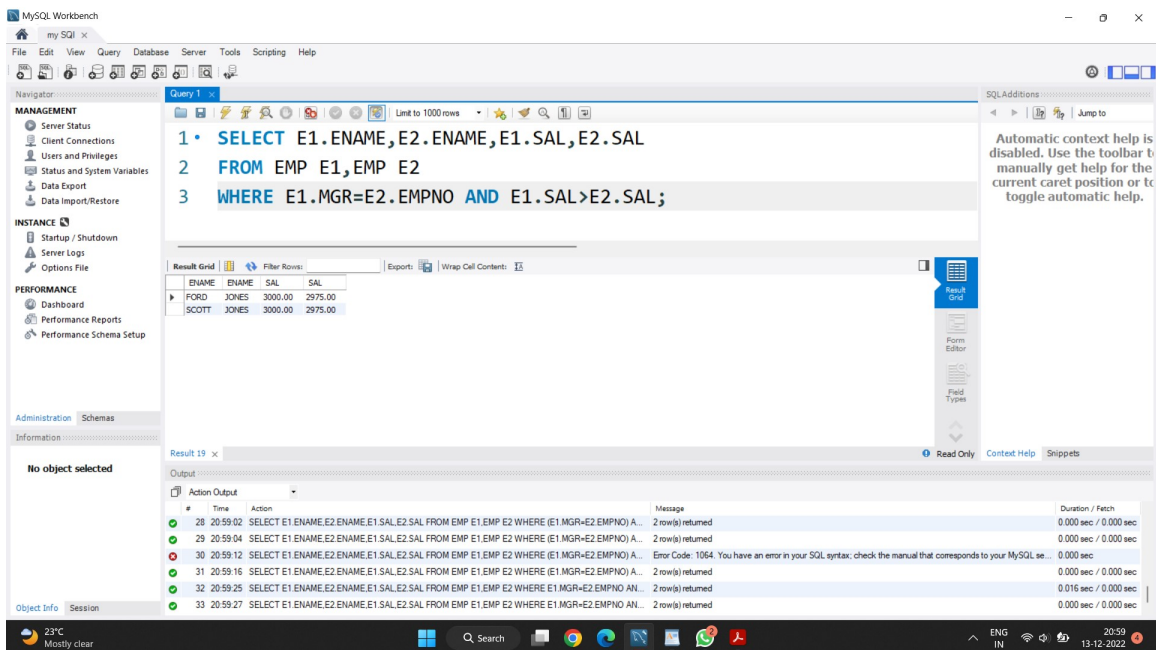
7.WAQTD EMP NAME AND HIREDATE , MANAGER NAME

AND HIREDATE IF MANAGER WAS HIRED BEFORE EMPLOYEE .

8.WAQTD EMP NAME AND MANAGER NAME IF BOTH ARE WORKING IN SAME JOB.

10.WAQTD EMP NAME AND MANAGER NAME ALONG WITH THEIR ANNUAL SALARIES IF EMPLOYEE WORKS IN

DEPT 10 , 20 AND MANAGER'S SAL IS GREATER THAN EMPLOYEES SALARY .


```sql
1 •  SELECT E1.ENAME,E2.ENAME ,E1.SAL*12,E2.SAL*12
2    FROM EMP E1,EMP E2
3    WHERE (E1.MGR=E2.EMPNO) AND E1.DEPTNO IN (10,20) AND E2.SAL>E1.SAL;
```

ENAME	ENAME	E1.SAL*12	E2.SAL*12
MILLER	CLARK	15600.00	29400.00
ADAMS	SCOTT	13200.00	36000.00
CLARK	KING	29400.00	60000.00
JONES	KING	35700.00	60000.00
SMITH	FORD	9600.00	36000.00

9.WAQTD EMP NAME AND MANAGER NAME IF MANAGER IS WORKING AS ACTUAL MANAGER .(NOT SURE)


```sql
1 •  SELECT E1.ENAME,E2.ENAME
2    FROM EMP E1,EMP E2
3    WHERE E1.MGR =E2.EMPNO AND E2.MGR=E1.EMPNO;
```

ENAME	ENAME

11.WAQTD EMPLOYEE'S NAME AND MANAGER'S

DESIGNATION FOR ALL THE EMPLOYEES .

12.WAQTD EMPLOYEE'S NAME AND MANAGER'S SALARY FOR ALL THE EMPLOYEES IF MANAGER'S SALARY ENDS WITH 50.