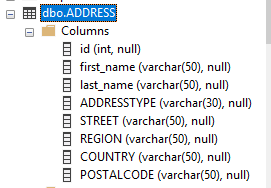
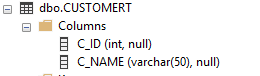
**SQL PRACTICE ASSIGNMENT**

**TABLES USED**

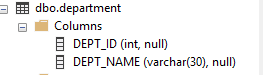
**TABLE 1**



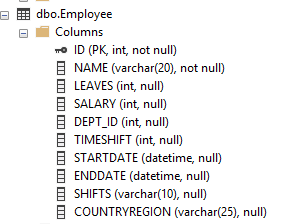
**TABLE 2**



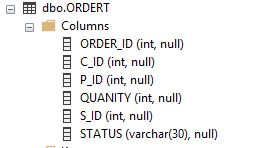
**TABLE 3**



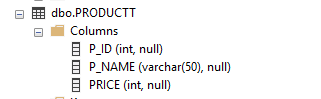
**TABLE 4**



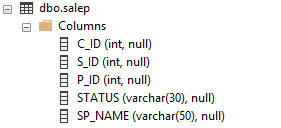
**TABLE 5**



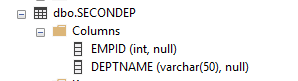
**TABLE 6**



**TABLE 7**



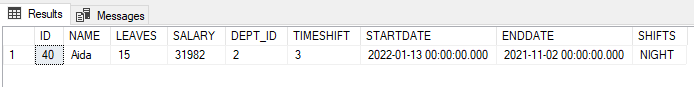
**TABLE 8**



TASK 1 QUERY

SELECT \* FROM Employee WHERE LEAVES=(SELECT MAX(LEAVES) FROM Employee)

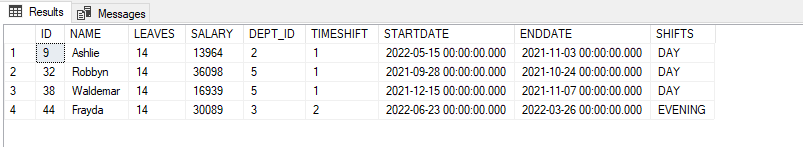
OUTPUT



TASK 2 QUERY

SELECT \* From Employee WHERE LEAVES=(SELECT MAX(LEAVES) FROM EMPLOYEE WHERE LEAVES < ( SELECT Max(LEAVES) FROM Employee));

OUTPUT



TASK 3 QUERY

SELECT TOP 1 \*

FROM (

SELECT DISTINCT TOP 2 \*

FROM Employee

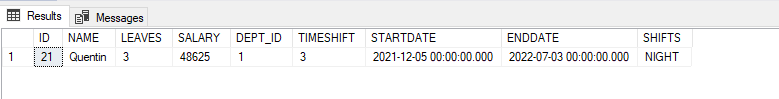
ORDER BY salary DESC

)

as temp

ORDER BY salary

OUTPUT



TASK 4 QUERY

SELECT ID,

D.DEPT\_NAME,

E.NAME,

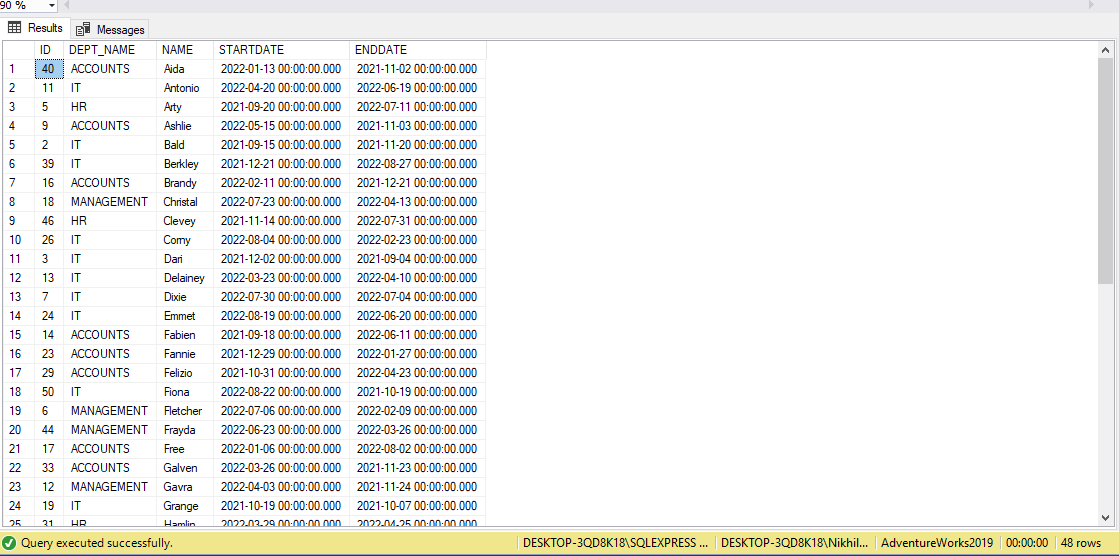
E.STARTDATE,

E.ENDDATE

FROM employee E INNER JOIN department D ON E.DEPT\_ID=D.DEPT\_ID

ORDER BY NAME,STARTDATE ASC ;

OUTPUT



TASK 5 QUERY

SELECT EMPLOYEE.NAME,SECONDEP.EMPID,COUNT(SECONDEP.EMPID) AS TOTAL\_DEPARTMENT

FROM Employee

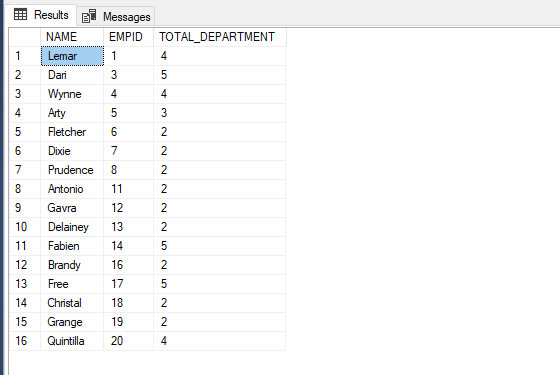
INNER JOIN SECONDEP

ON ID = SECONDEP.EMPID

GROUP BY SECONDEP.EMPID,Employee.NAME

HAVING COUNT(\*) > 1;

OUTPUT



TASK 6 QUERY

SELECT COUNT(\*) AS NO\_DEPARTMENT FROM EMPLOYEE WHERE DEPT\_ID=0

OUTPUT



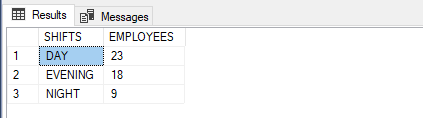
**TASK 7 QUERY**

SELECT SHIFTS, COUNT(\*) AS EMPLOYEES

FROM Employee

GROUP BY SHIFTS;

**OUTPUT**



**TASK 8**

SELECT countryregion,COUNT(\*) AS countryregioncount

FROM EMPLOYEE

GROUP BY COUNTRYREGION

ORDER BY countryregioncount

**OUTPUT**



**TASK 9 QUERY**

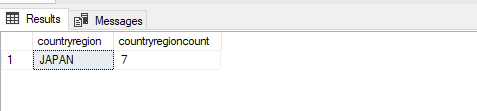
SELECT TOP(1) countryregion,COUNT(\*) AS countryregioncount

FROM EMPLOYEE

GROUP BY COUNTRYREGION

ORDER BY countryregioncount DESC

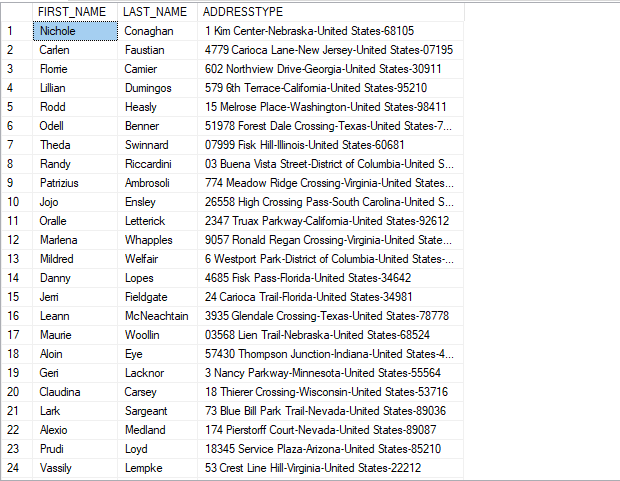
**OUTPUT**



**TASK 10 QUERY**

SELECT FIRST\_NAME,LAST\_NAME ,CONCAT(STREET , '-', REGION , '-' ,COUNTRY , '-' ,POSTALCODE ) AS ADDRESSTYPE FROM ADDRESS

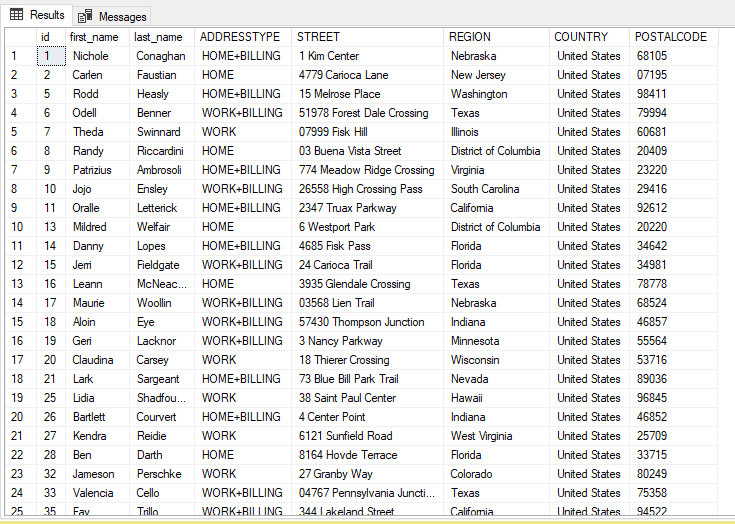
**OUTPUT**



**TASK 11 QUERY**

SELECT \* FROM ADDRESS WHERE ADDRESSTYPE NOT IN ('HOME+SHIPPING','WORK+SHIPPING')

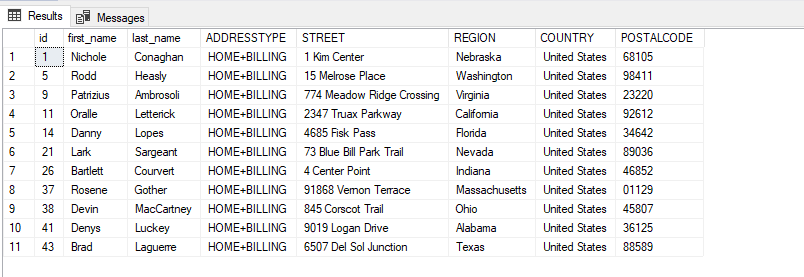
**OUTPUT**



**TASK 12 QUERY**

SELECT \* FROM ADDRESS WHERE ADDRESSTYPE LIKE '%HOME+BILLING%'

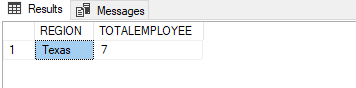
**OUTPUT**



**TASK 13 QUERY**

SELECT REGION, COUNT(REGION) AS TOTALEMPLOYEE FROM ADDRESS WHERE REGION ='TEXAS' GROUP BY REGION

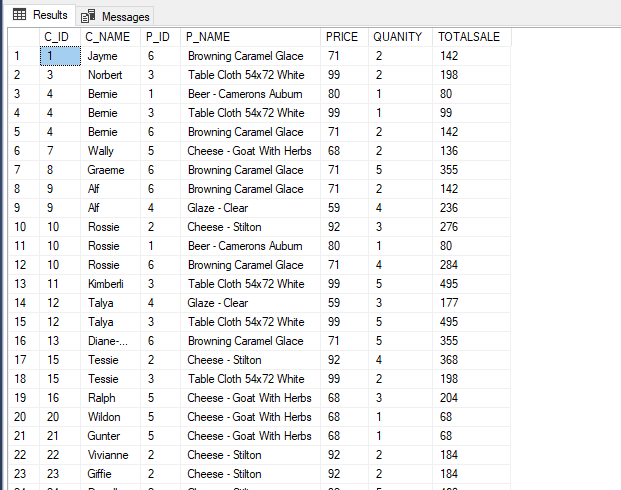
**OUTPUT**



**Task 14 QUERY**

SELECT C.C\_ID,C.C\_NAME,P.P\_ID,P.P\_NAME,P.PRICE,O.QUANITY,P.PRICE\*O.QUANITY AS TOTALSALE FROM CUSTOMERT C INNER JOIN ORDERT O ON C.C\_ID=O.C\_ID INNER JOIN PRODUCTT P ON O.P\_ID=P.P\_ID

**OUTPUT**



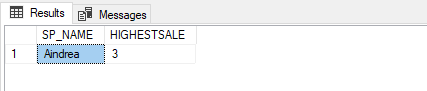
**TASK 15 QUERY**

SELECT TOP(1) S.SP\_NAME, COUNT(O.S\_ID) AS HIGHESTSALE from salep S INNER JOIN

ORDERT O ON S.S\_ID=O.S\_ID

GROUP BY O.S\_ID,S.SP\_NAME ORDER BY HIGHESTSALE DESC

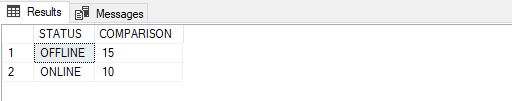
**OUTPUT**



**TASK 16 QUERY**

SELECT STATUS , COUNT(STATUS) AS COMPARISON FROM salep GROUP BY STATUS

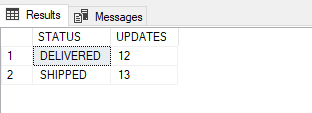
**OUTPUT**



**TASK 17 QUERY**

SELECT STATUS,COUNT(STATUS) AS UPDATES FROM ORDERT GROUP BY STATUS

**OUTPUT**

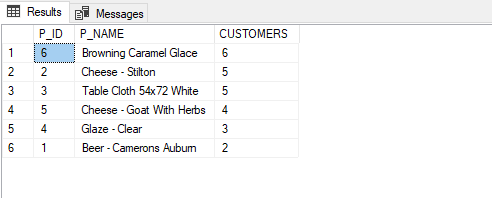


**OUTPUT**

**TASK 18 QUERY**

SELECT O.P\_ID ,P.P\_NAME, COUNT(O.P\_ID) AS CUSTOMERS FROM ORDERT O INNER JOIN PRODUCTT P ON O.P\_ID=P.P\_ID GROUP BY O.P\_ID,P.P\_NAME ORDER BY CUSTOMERS DESC

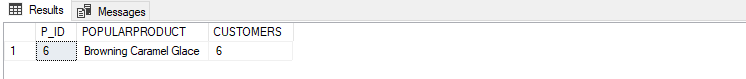
**OUTPUT**



**TASK 19 QUERY**

SELECT TOP(1) O.P\_ID ,P.P\_NAME AS POPULARPRODUCT, COUNT(O.P\_ID) AS CUSTOMERS FROM ORDERT O INNER JOIN PRODUCTT P ON O.P\_ID=P.P\_ID GROUP BY O.P\_ID,P.

**OUTPUT**



**TASK 20 QUERY**

SELECT T.P\_NAME,SUM(O.QUANITY\*T.PRICE) AS REVENUE FROM ORDERT O INNER JOIN PRODUCTT T ON O.P\_ID=T.P\_ID GROUP BY T.P\_NAME

**OUTPUT**

