DMV ASSIGNMENT 2

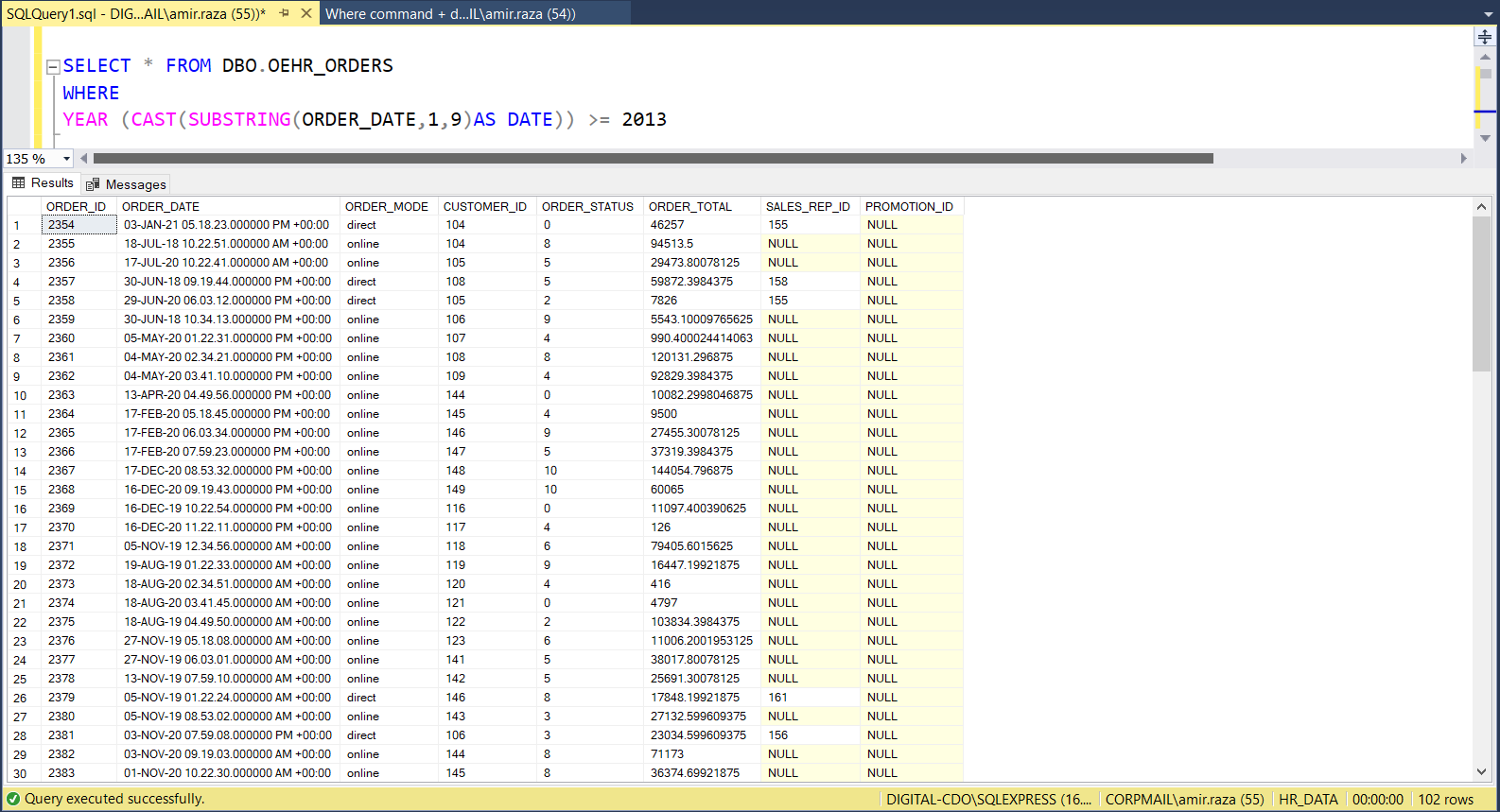
Syed Muhammad Hassan Raza – 26645

1. Display all the order related information for the orders in 2013 and above

SELECT \* FROM DBO.OEHR\_ORDERS

WHERE

YEAR (CAST(SUBSTRING(ORDER\_DATE,1,9)AS DATE)) >= 2013



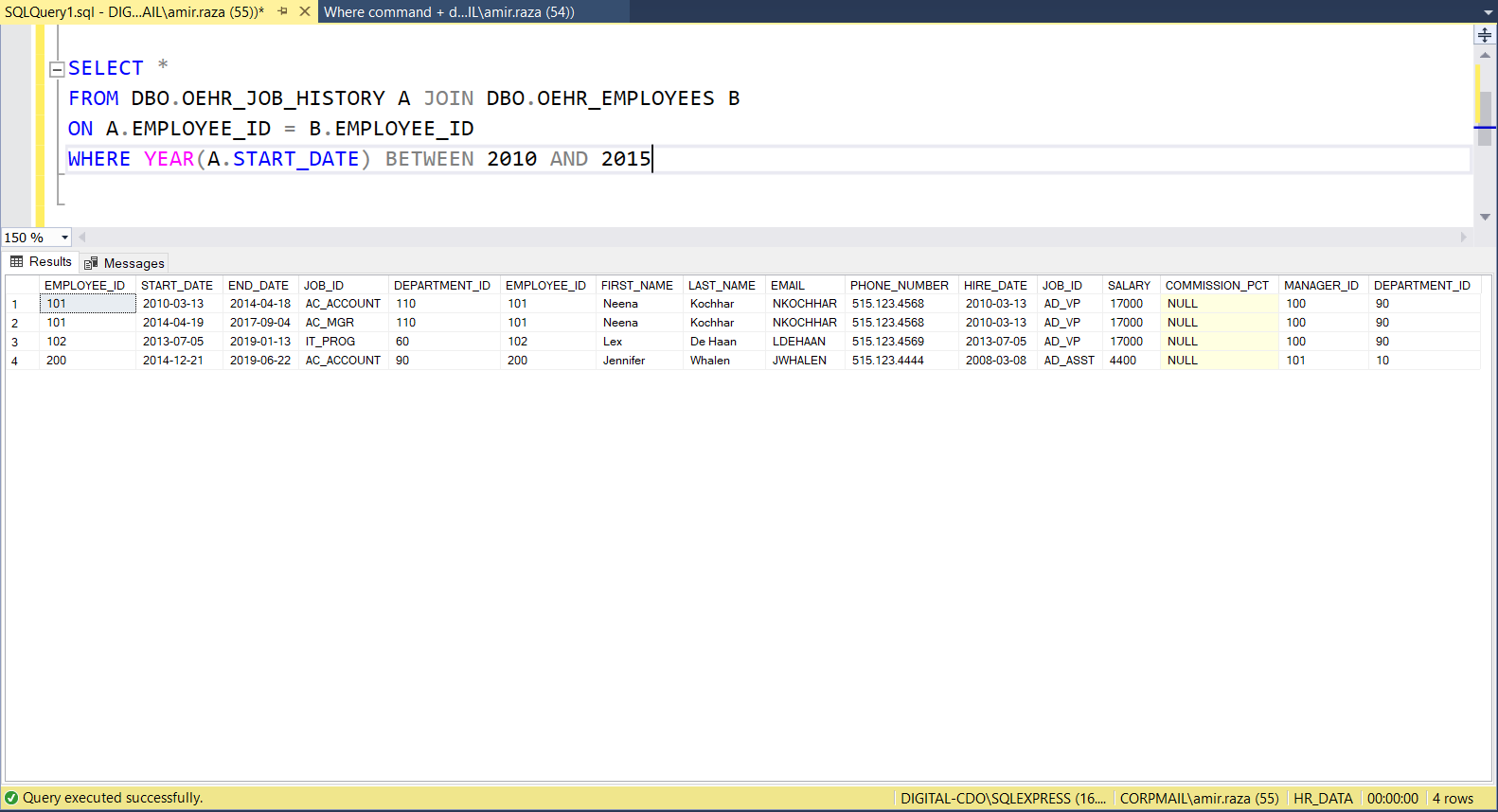
2. Display the job history of all the employees from 2010 to 2015.

SELECT \*

FROM DBO.OEHR\_JOB\_HISTORY A JOIN DBO.OEHR\_EMPLOYEES B

ON A.EMPLOYEE\_ID = B.EMPLOYEE\_ID

WHERE YEAR(A.START\_DATE) BETWEEN 2010 AND 2015

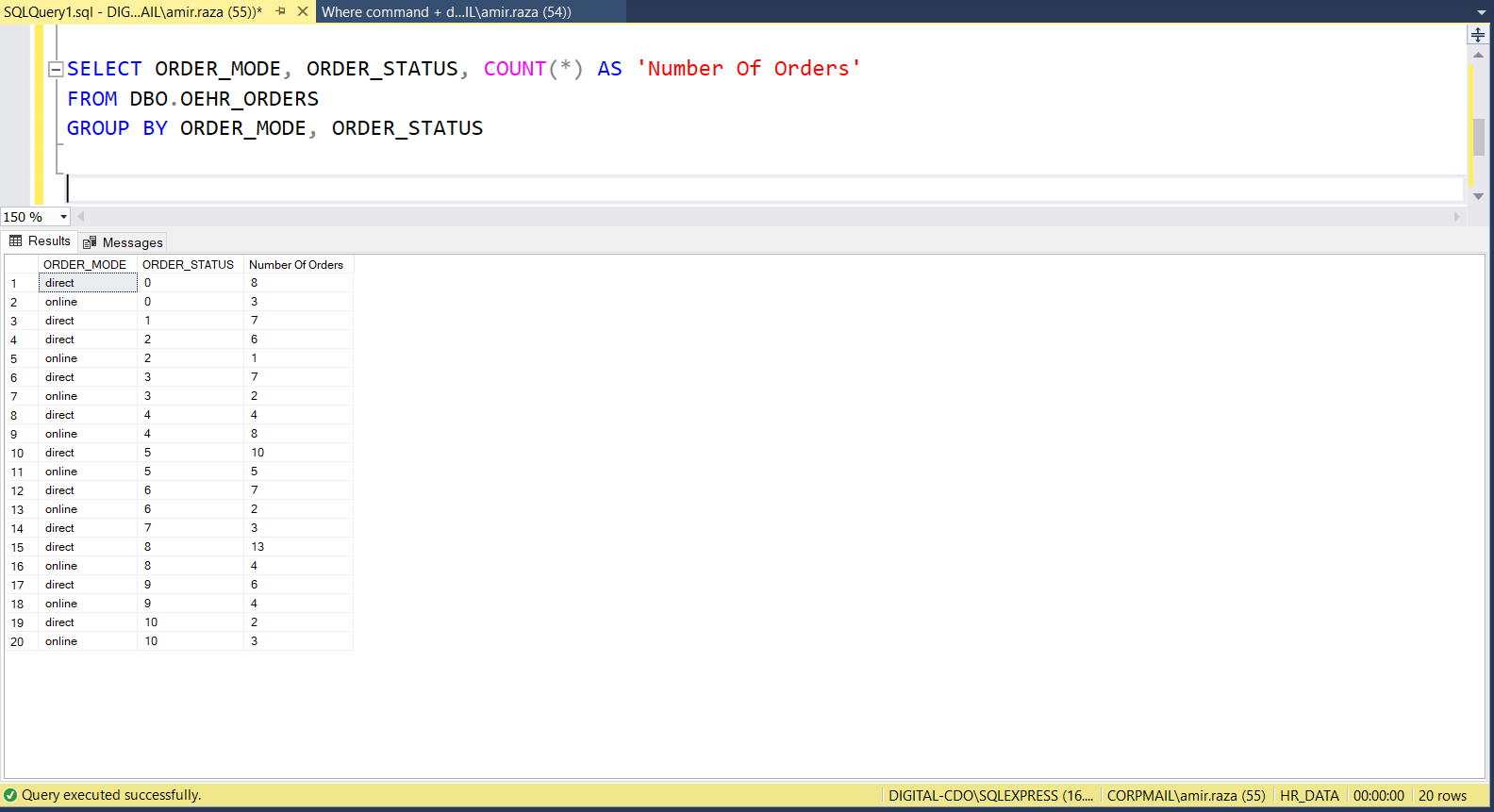


3. Show the breakdown of the number of orders by order mode and order status.

SELECT ORDER\_MODE, ORDER\_STATUS, COUNT(\*) AS 'Number Of Orders'

FROM DBO.OEHR\_ORDERS

GROUP BY ORDER\_MODE, ORDER\_STATUS

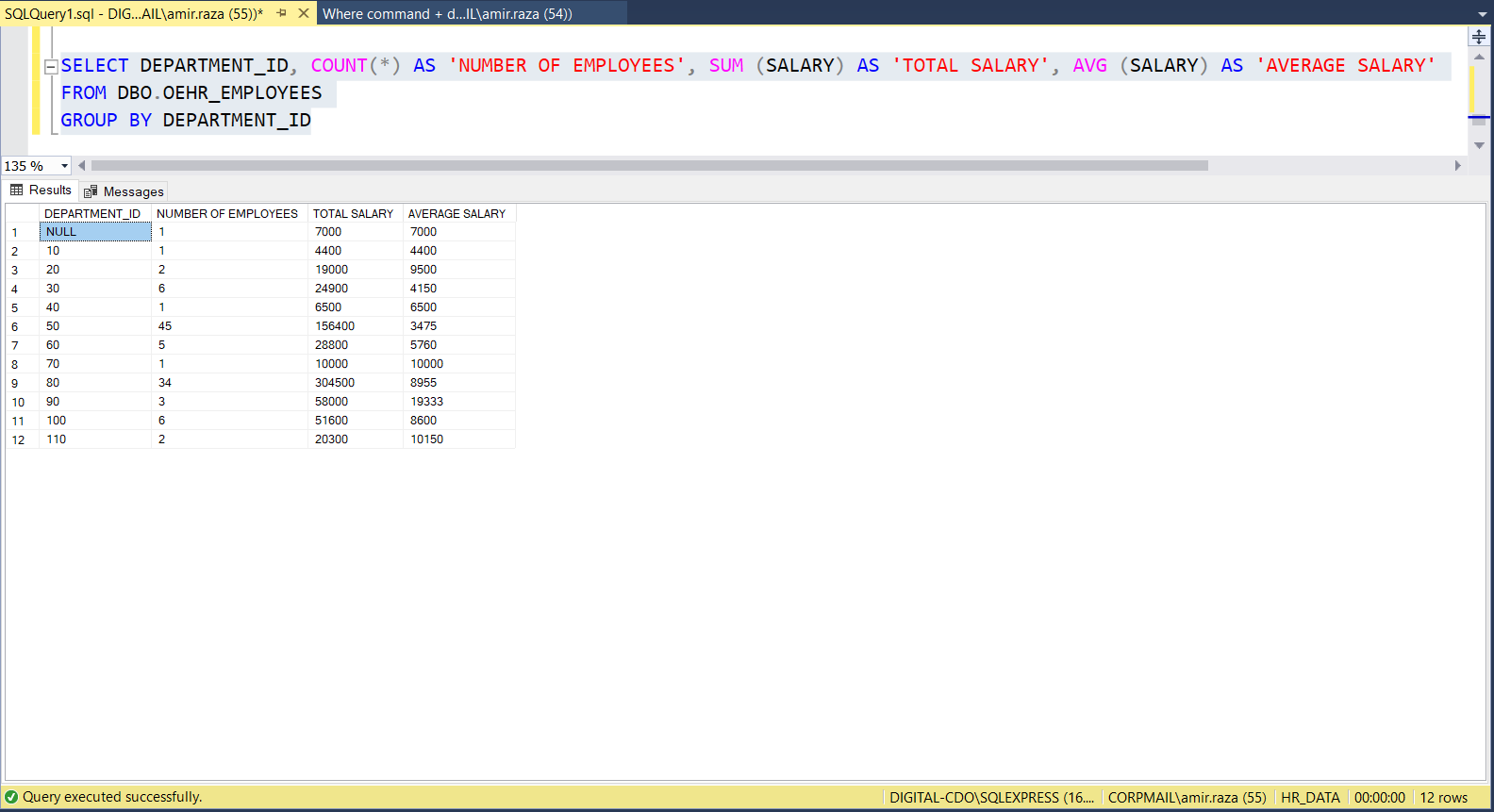


4. Shown by department id, tell me how many employees each department has, the total salary each department takes, and the average salary each department takes.

SELECT DEPARTMENT\_ID, COUNT(\*) AS 'NUMBER OF EMPLOYEES', SUM (SALARY) AS 'TOTAL SALARY', AVG (SALARY) AS 'AVERAGE SALARY'

FROM DBO.OEHR\_EMPLOYEES

GROUP BY DEPARTMENT\_ID

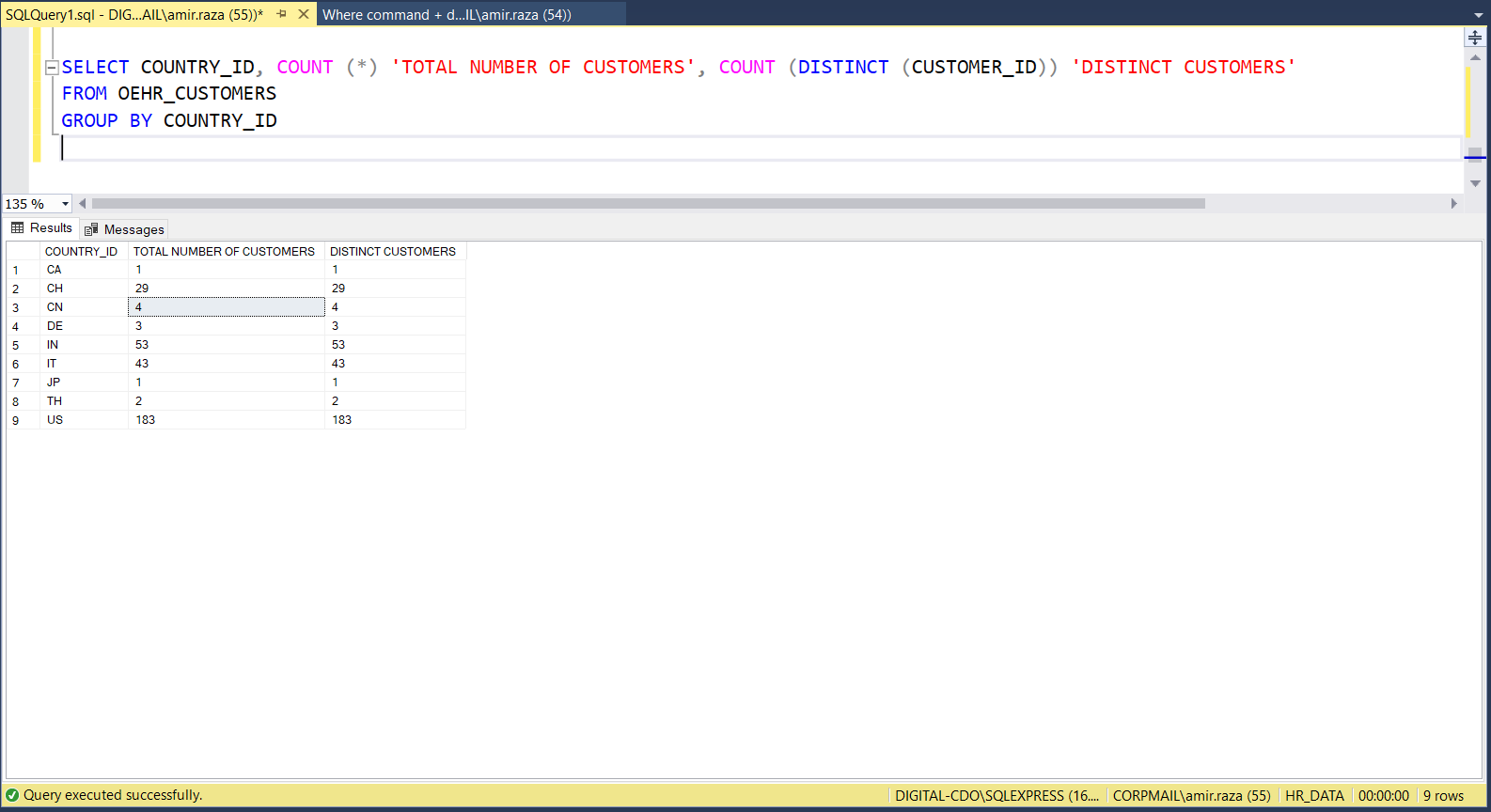


5. Show me the total number of customers, and total distinct number of customers in each country id.

SELECT COUNTRY\_ID, COUNT (\*) 'TOTAL NUMBER OF CUSTOMERS', COUNT (DISTINCT (CUSTOMER\_ID)) 'DISTINCT CUSTOMERS'

FROM OEHR\_CUSTOMERS

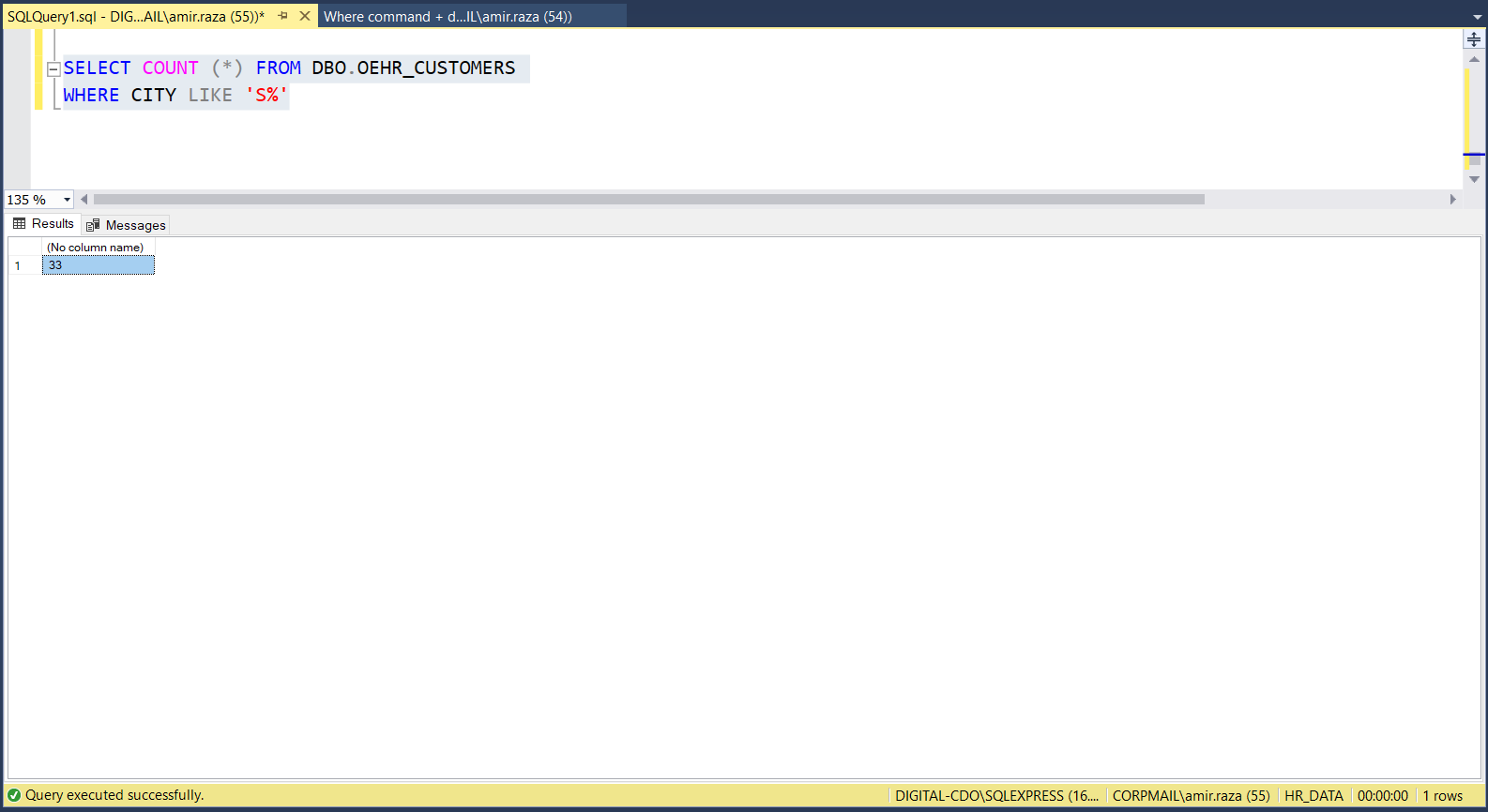
GROUP BY COUNTRY\_ID



6. Show me the number of customers that live in the city which name starts with 's'.

SELECT COUNT (\*) FROM DBO.OEHR\_CUSTOMERS

WHERE CITY LIKE 'S%'

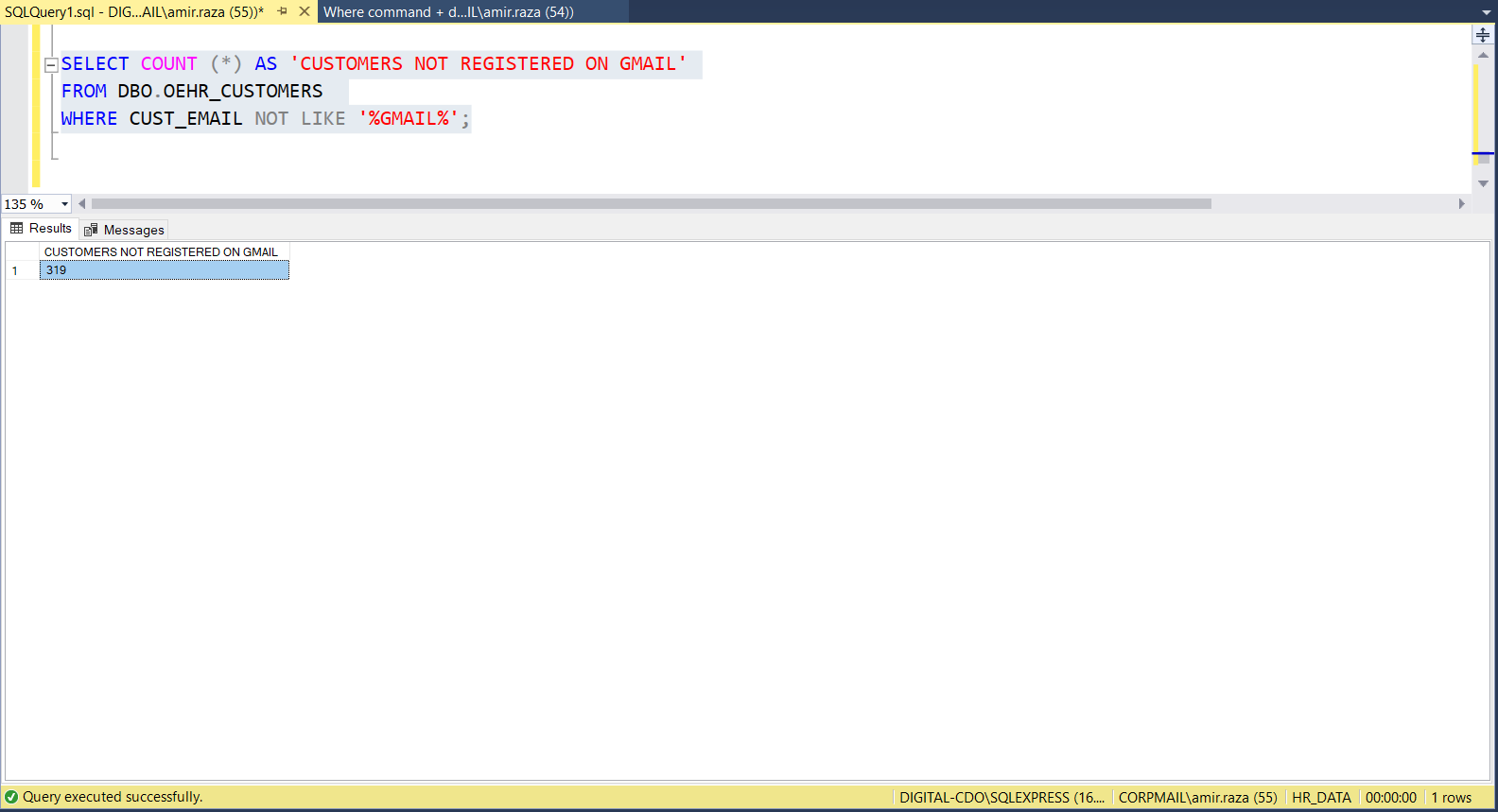


7. Show me the number of customers who have not registered their email on Gmail.

SELECT COUNT (\*) AS 'CUSTOMERS NOT REGISTERED ON GMAIL'

FROM DBO.OEHR\_CUSTOMERS

WHERE CUST\_EMAIL NOT LIKE '%GMAIL%';

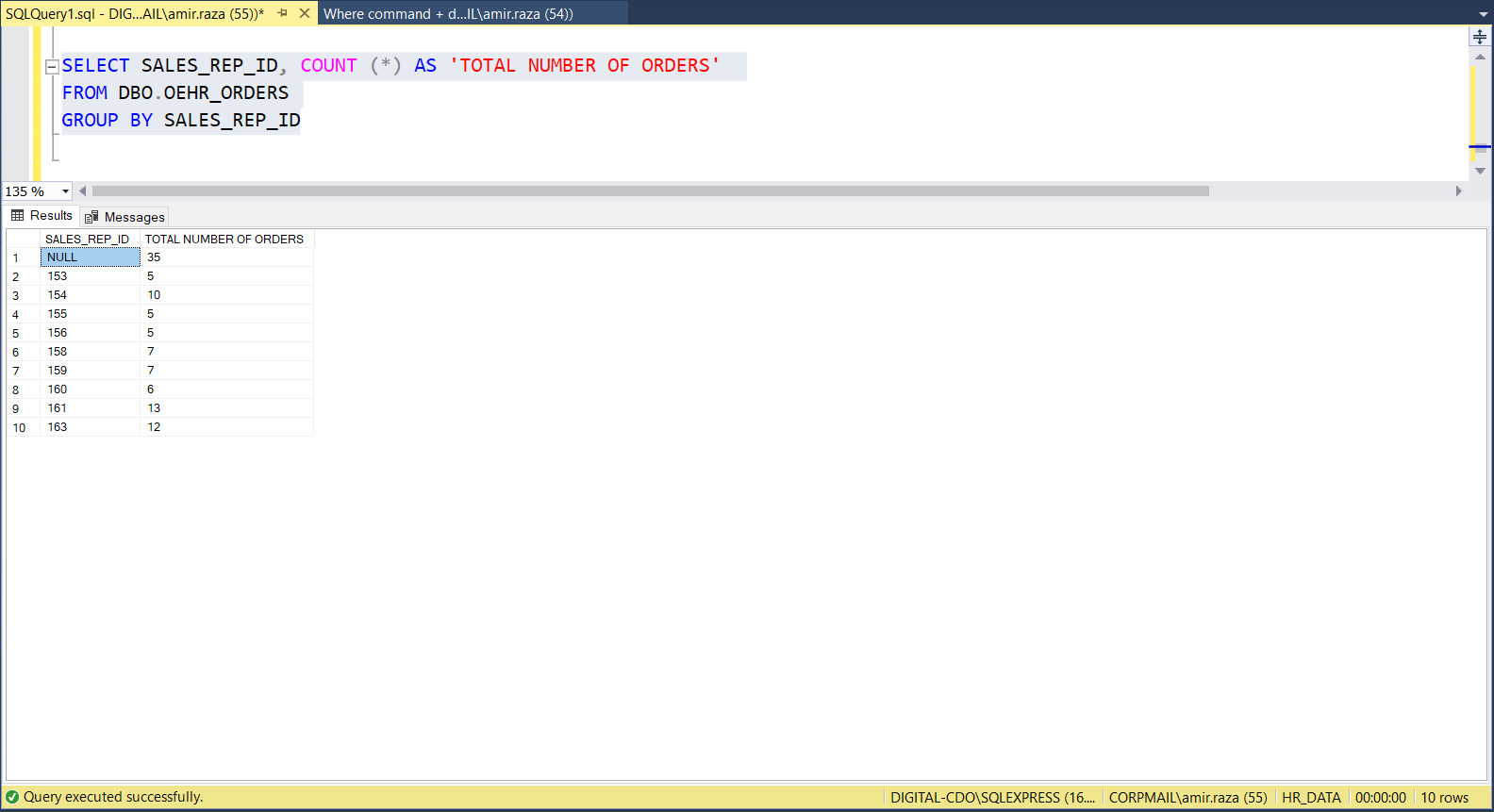


8. Give me the total number of orders by each sales representative (broken up by each sales representative).

SELECT SALES\_REP\_ID, COUNT (\*) AS 'TOTAL NUMBER OF ORDERS'

FROM DBO.OEHR\_ORDERS

GROUP BY SALES\_REP\_ID

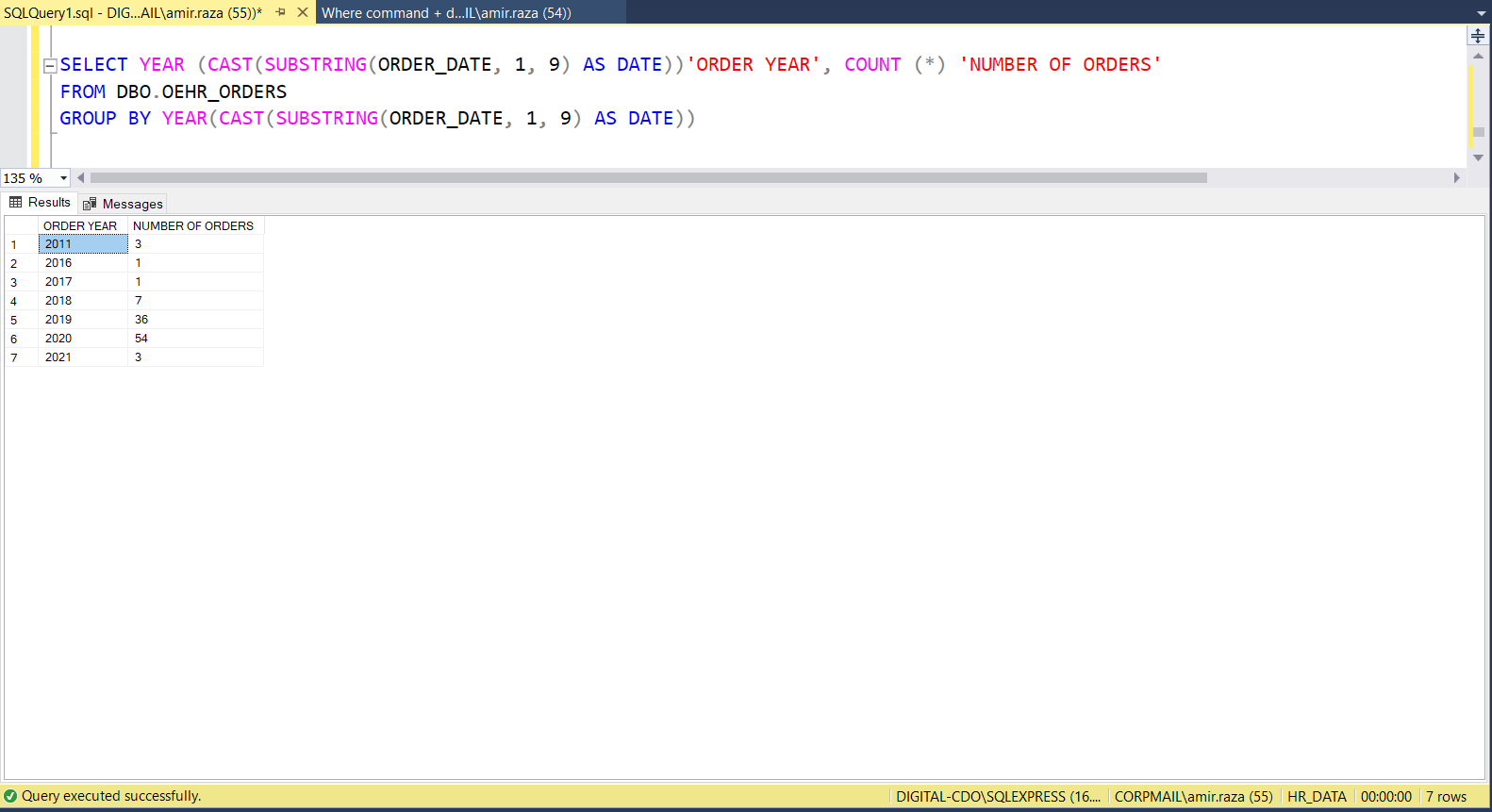


9. Give me the total number of orders in each year.

SELECT YEAR (CAST(SUBSTRING(ORDER\_DATE, 1, 9) AS DATE))'ORDER YEAR', COUNT (\*) 'NUMBER OF ORDERS'

FROM DBO.OEHR\_ORDERS

GROUP BY YEAR(CAST(SUBSTRING(ORDER\_DATE, 1, 9) AS DATE))



10. Find out the unique postal codes that our customers belong too.

SELECT DISTINCT(POSTAL\_CODE)

FROM DBO.OEHR\_CUSTOMERS

