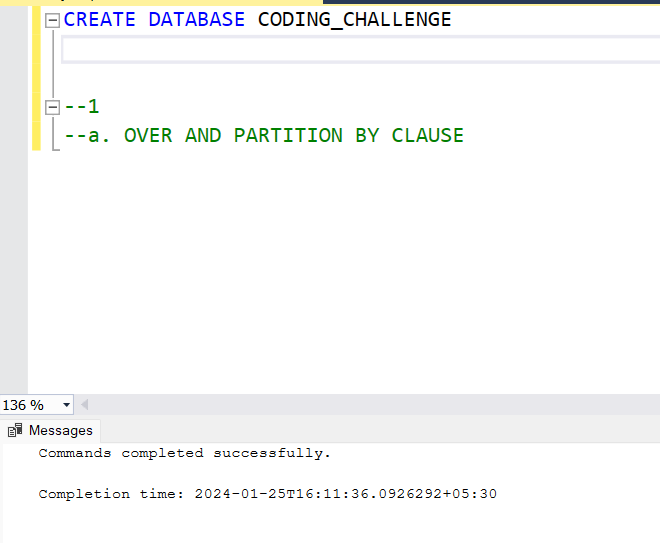
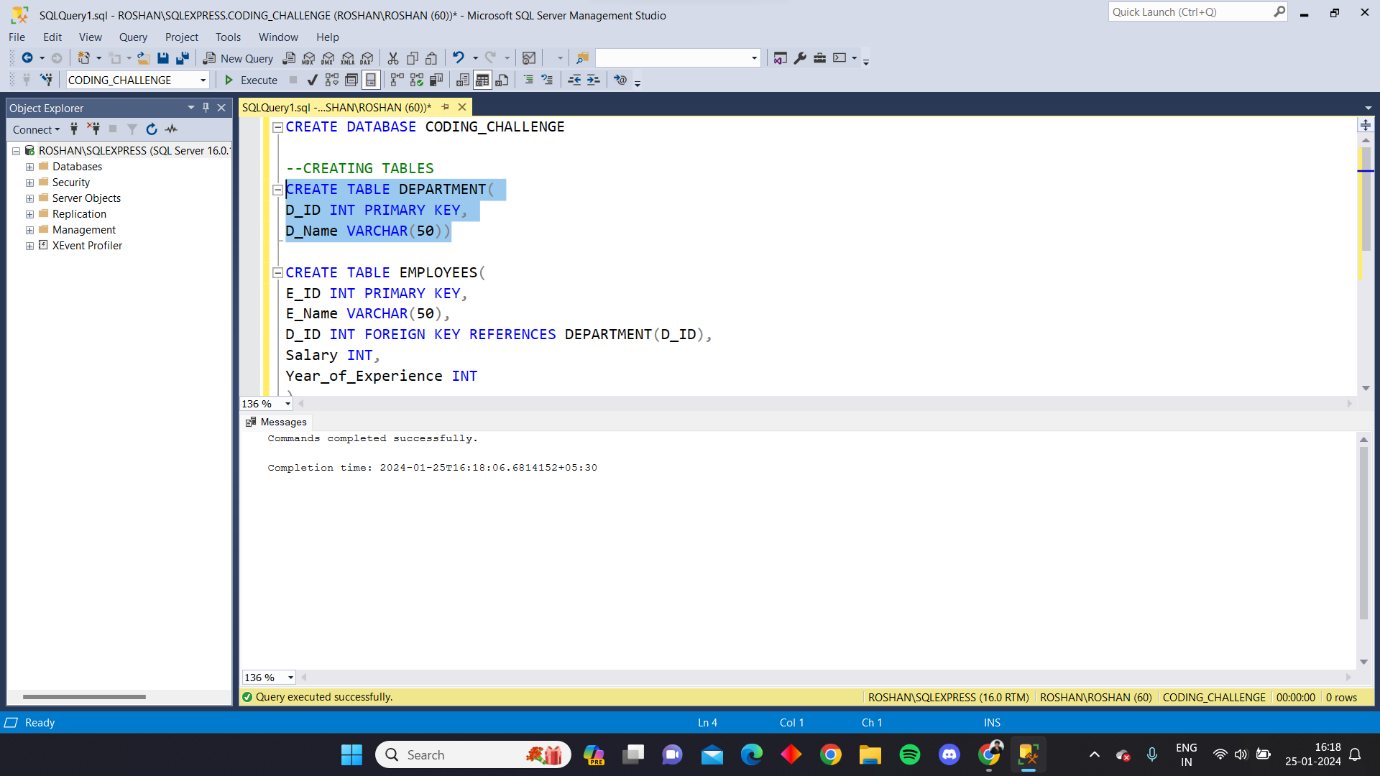
**JOINS:**

**Creating database:**

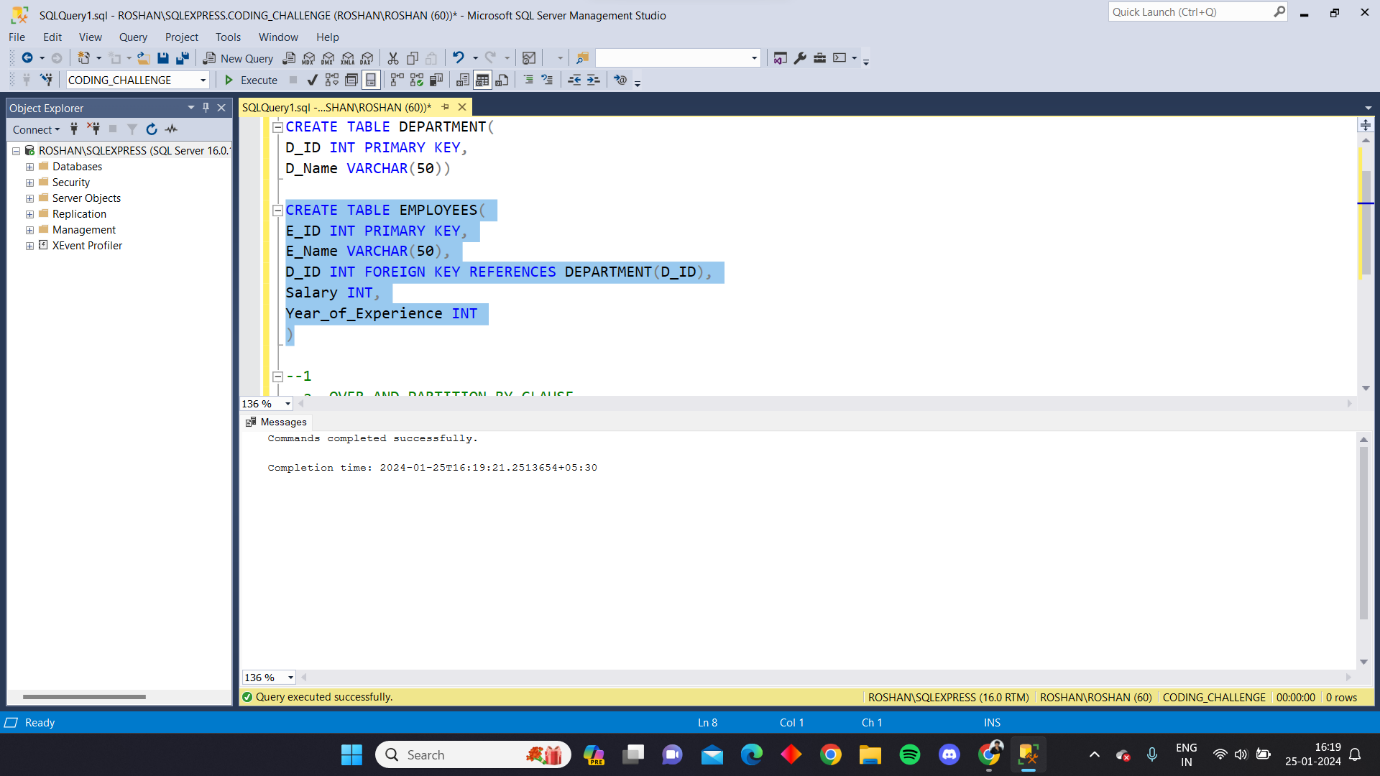


**We used two tables to perform the operations.**

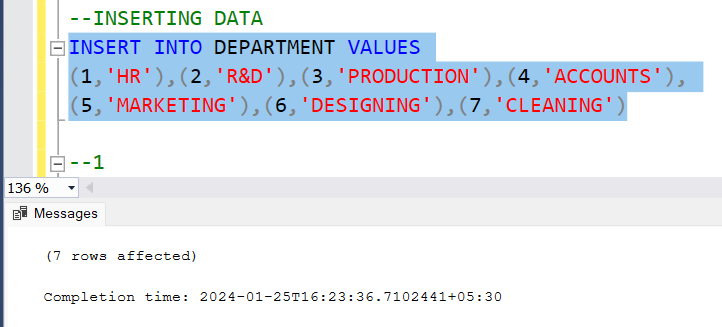
**Creation of table 1 : Department**

****

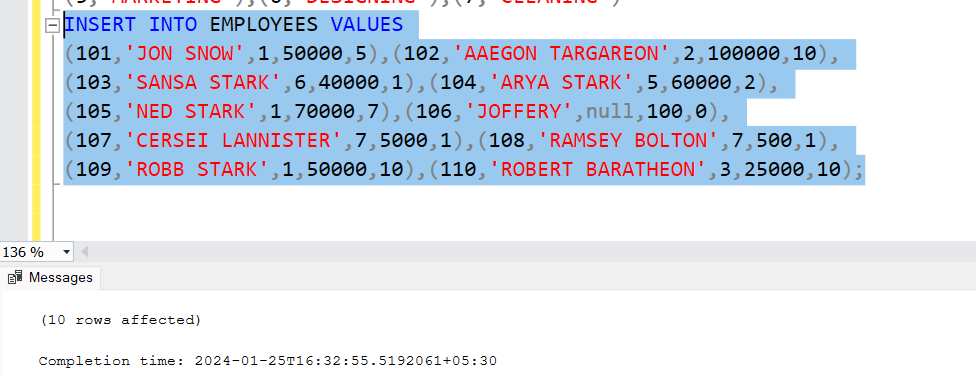
**Creation of table 2: Employees**

****

**Inserting data in department:**

****

**Inserting data in employees:**

****

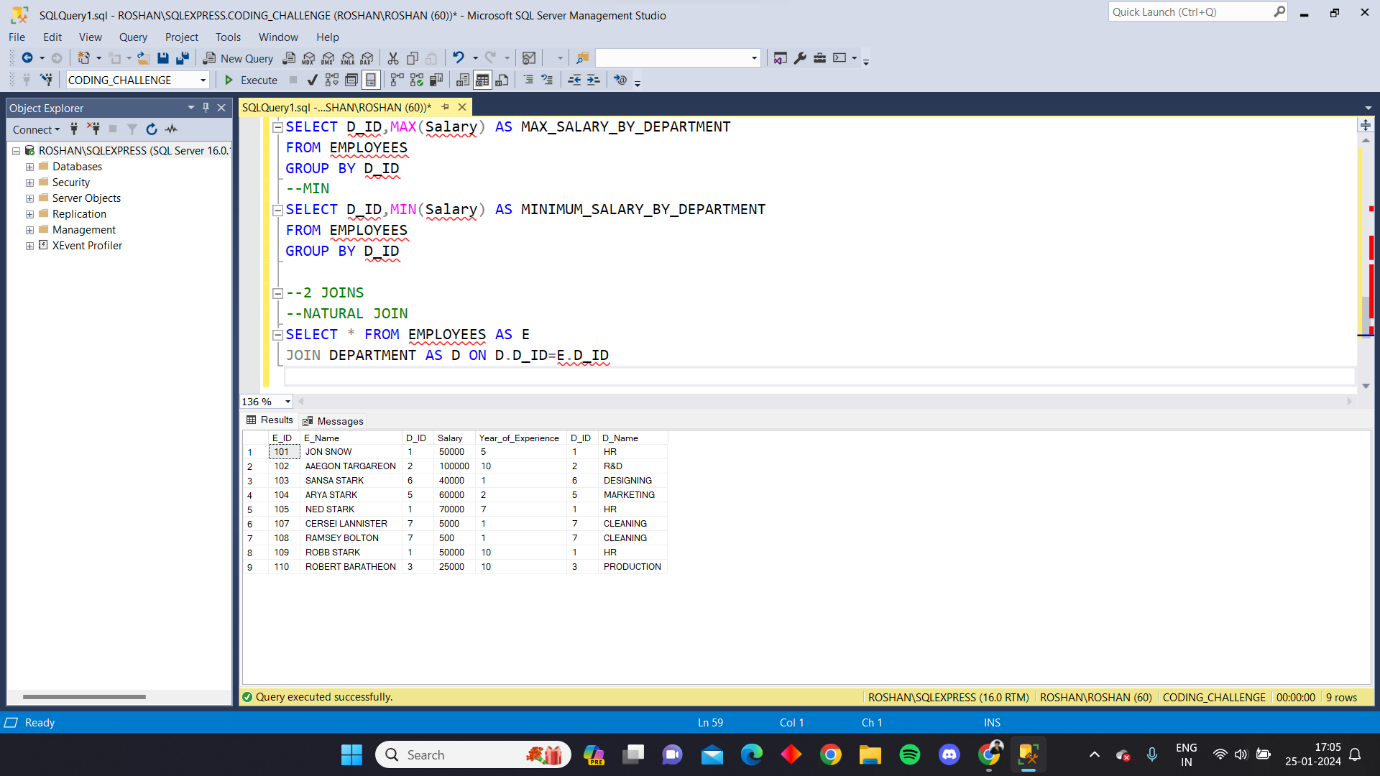
1. **Natural Join: It joins the tables and gives the common data**

**Query:**

SELECT \* FROM EMPLOYEES AS E

JOIN DEPARTMENT AS D ON D.D\_ID=E.D\_ID

**OUTPUT:**

****

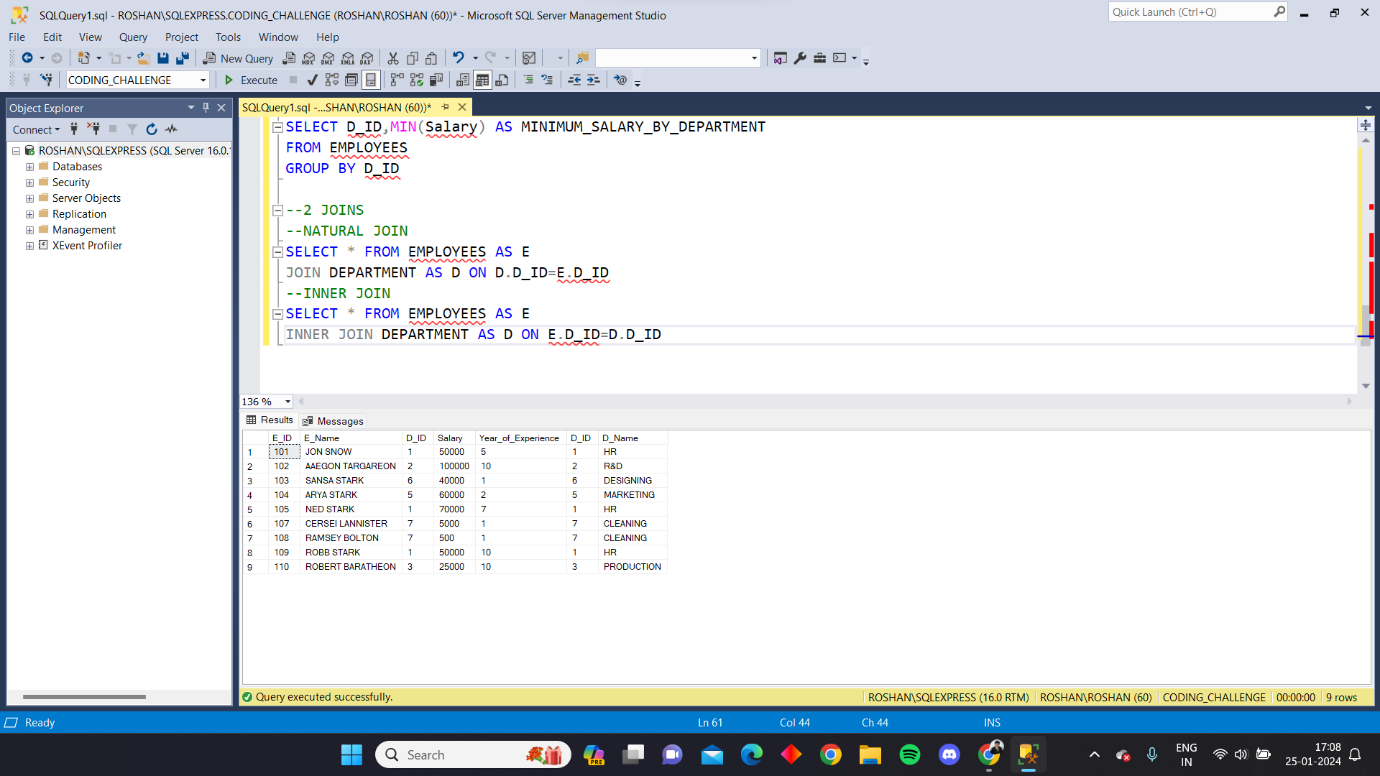
1. **Inner join: It joins the tables and gives the common data**

**QUERY:**

SELECT \* FROM EMPLOYEES AS E

INNER JOIN DEPARTMENT AS D ON E.D\_ID=D.D\_ID

**OUTPUT:**

****

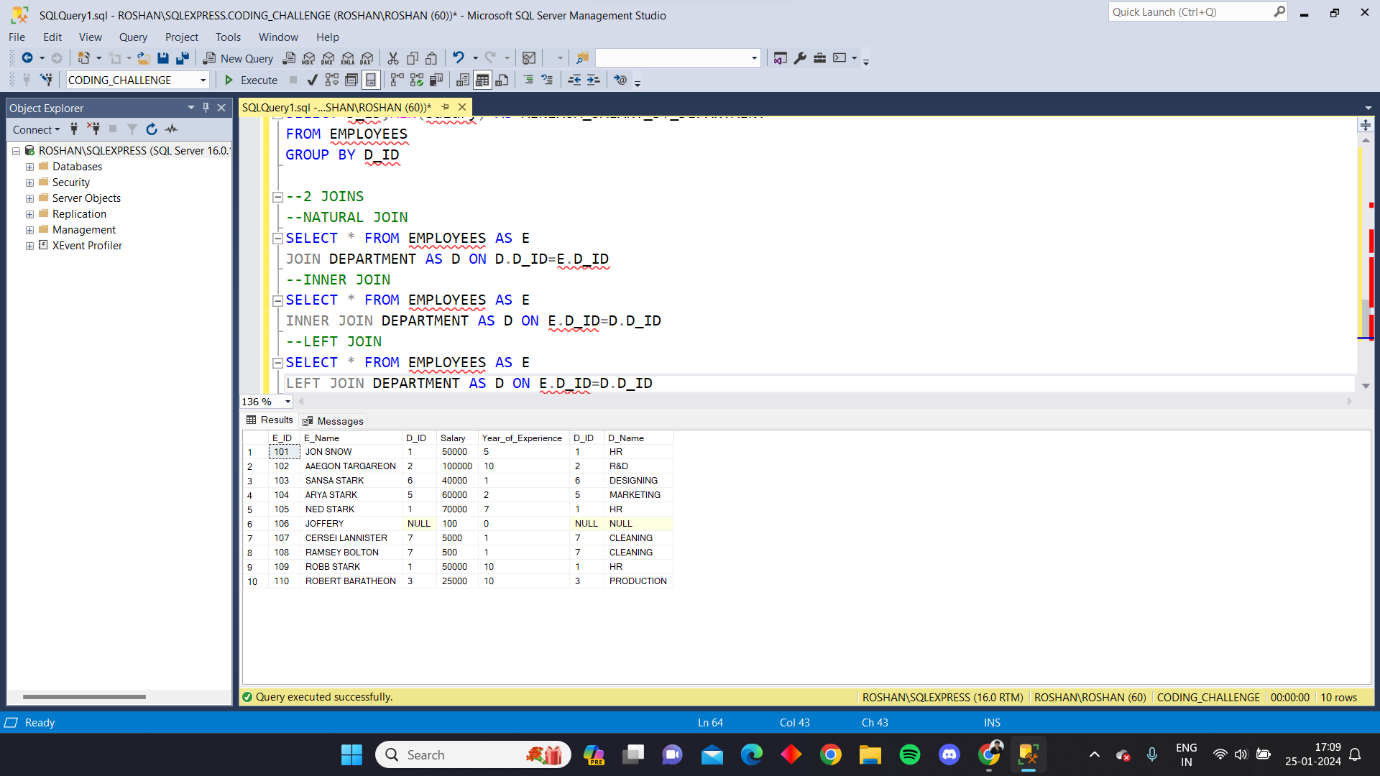
1. **Left join: It joins the tables and gives the common data along with the left or first table data**

**QUERY:**

SELECT \* FROM EMPLOYEES AS E

LEFT JOIN DEPARTMENT AS D ON E.D\_ID=D.D\_ID

**OUTPUT:**

****

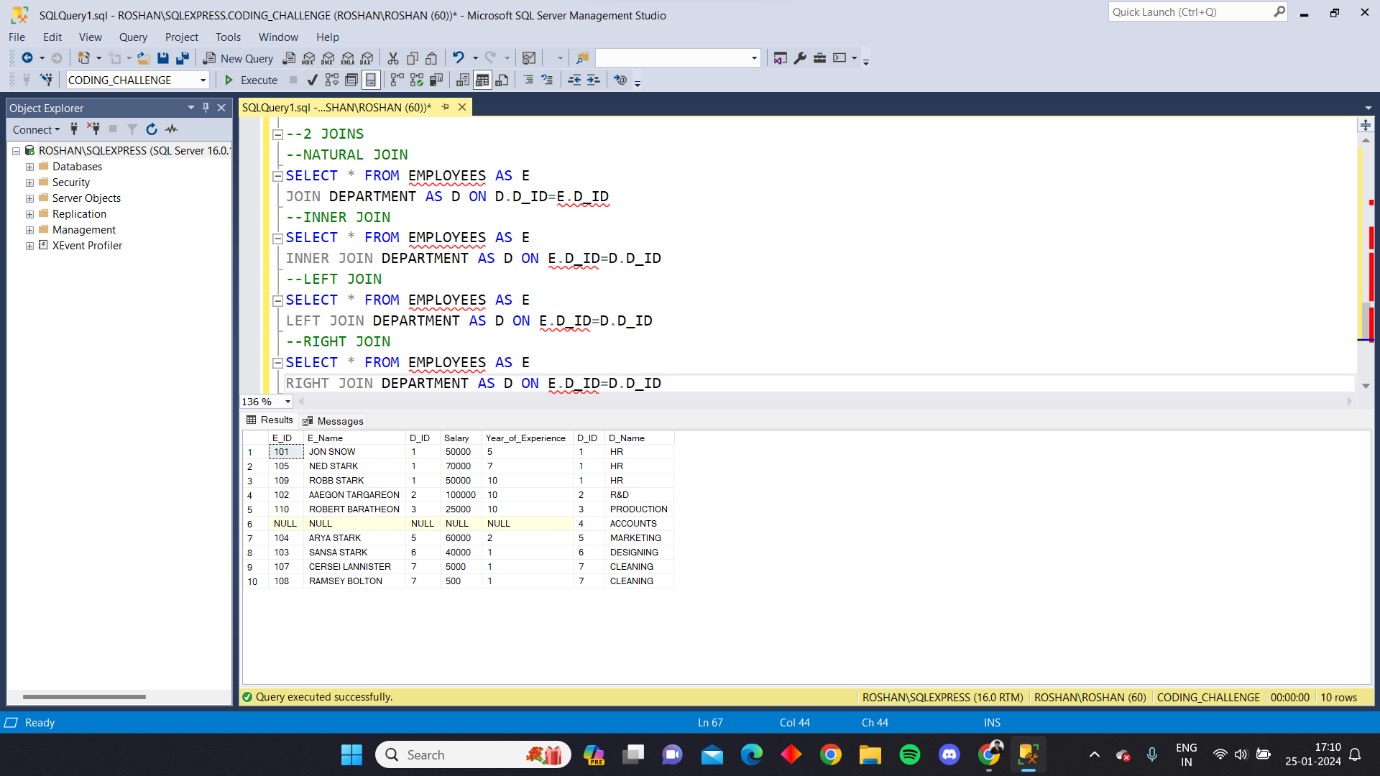
1. **Right join:It joins the tables and gives the common data along with the right or second table data**

**QUERY:**

SELECT \* FROM EMPLOYEES AS E

RIGHT JOIN DEPARTMENT AS D ON E.D\_ID=D.D\_ID

**OUTPUT:**

****

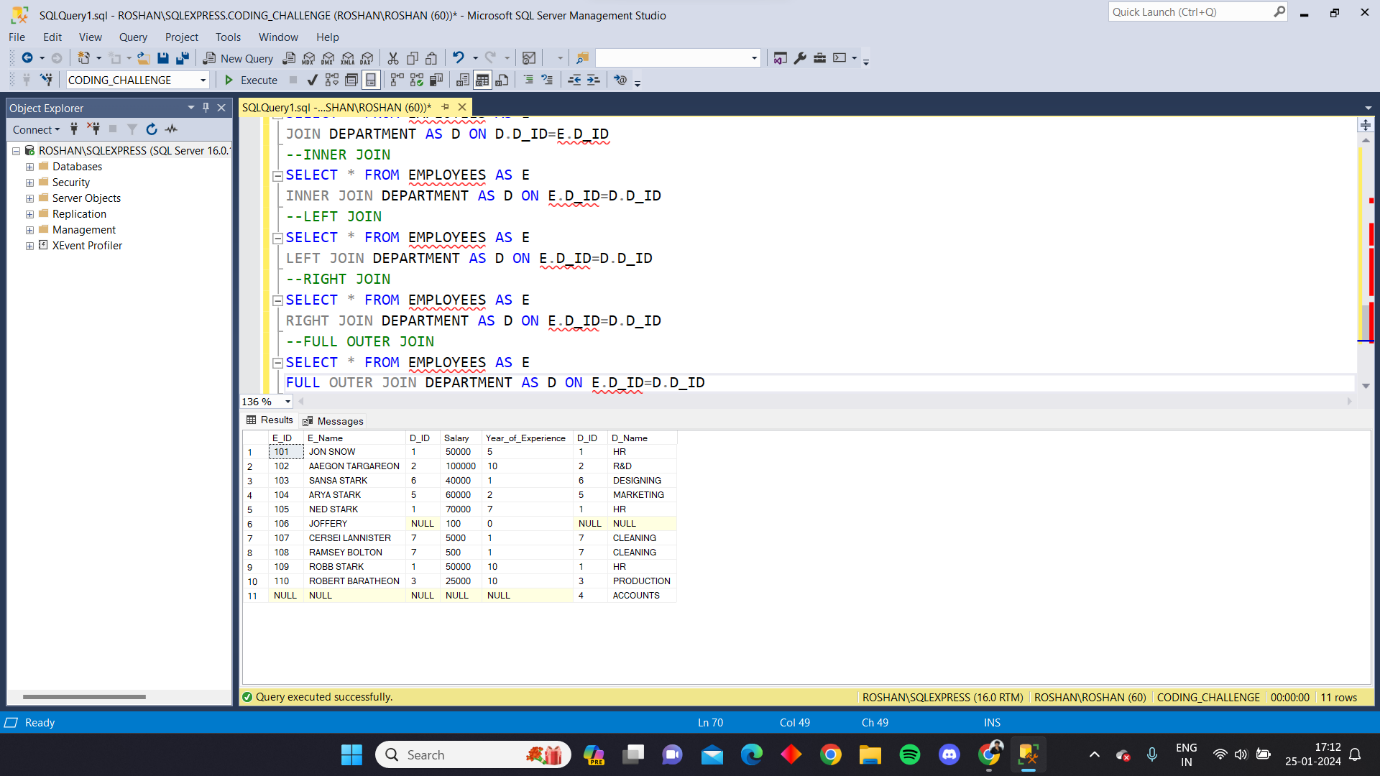
1. **Full outer join: It gives all the data**

**QUERY:**

SELECT \* FROM EMPLOYEES AS E

FULL OUTER JOIN DEPARTMENT AS D ON E.D\_ID=D.D\_ID

**OUTPUT:**

****

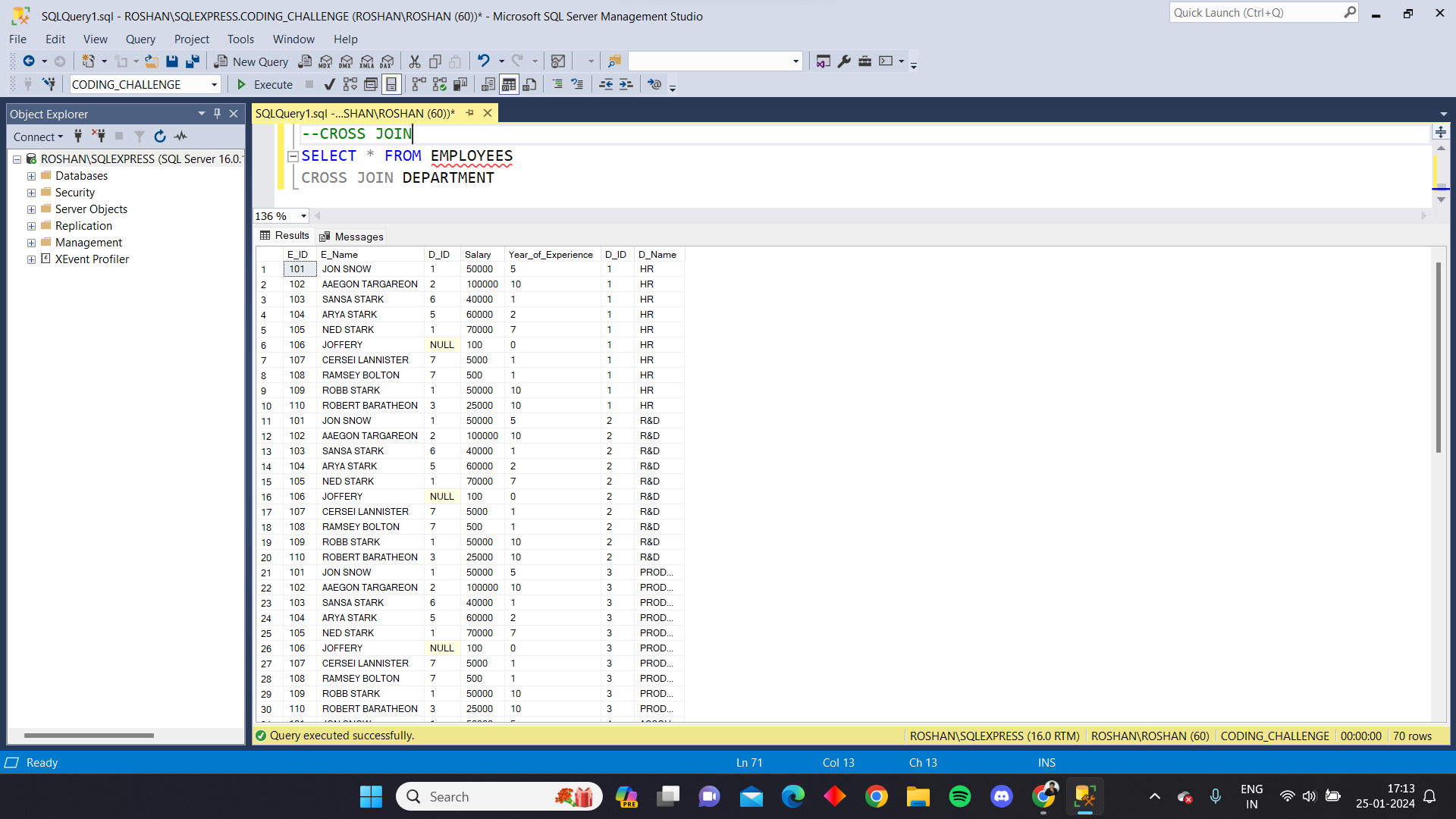
1. **Cross join:**

**QUERY:**

SELECT \* FROM EMPLOYEES

CROSS JOIN DEPARTMENT

**OUTPUT:**

****