DATABASE MANAGEMENT SYSTEM

LAB ASSIGNMENT – 04

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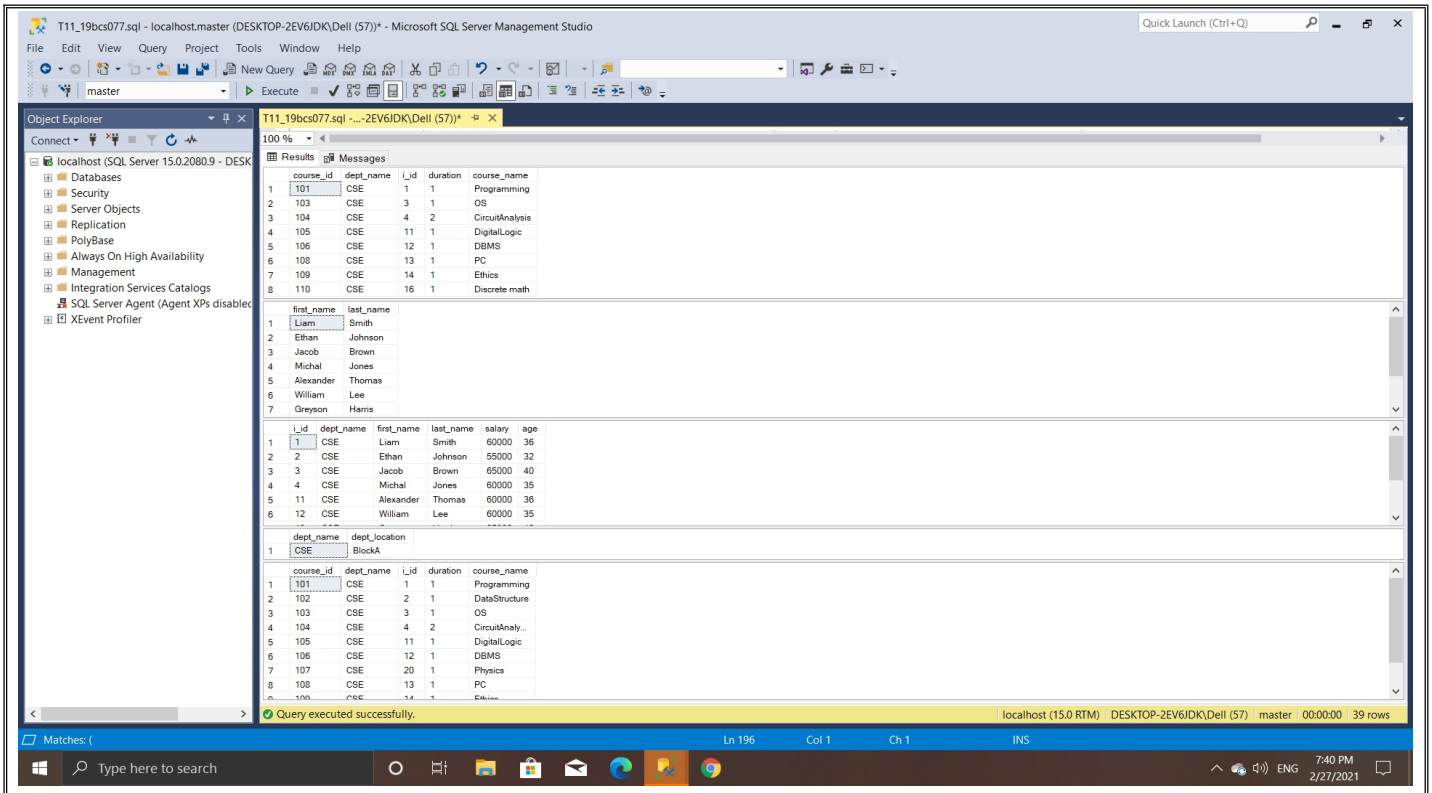
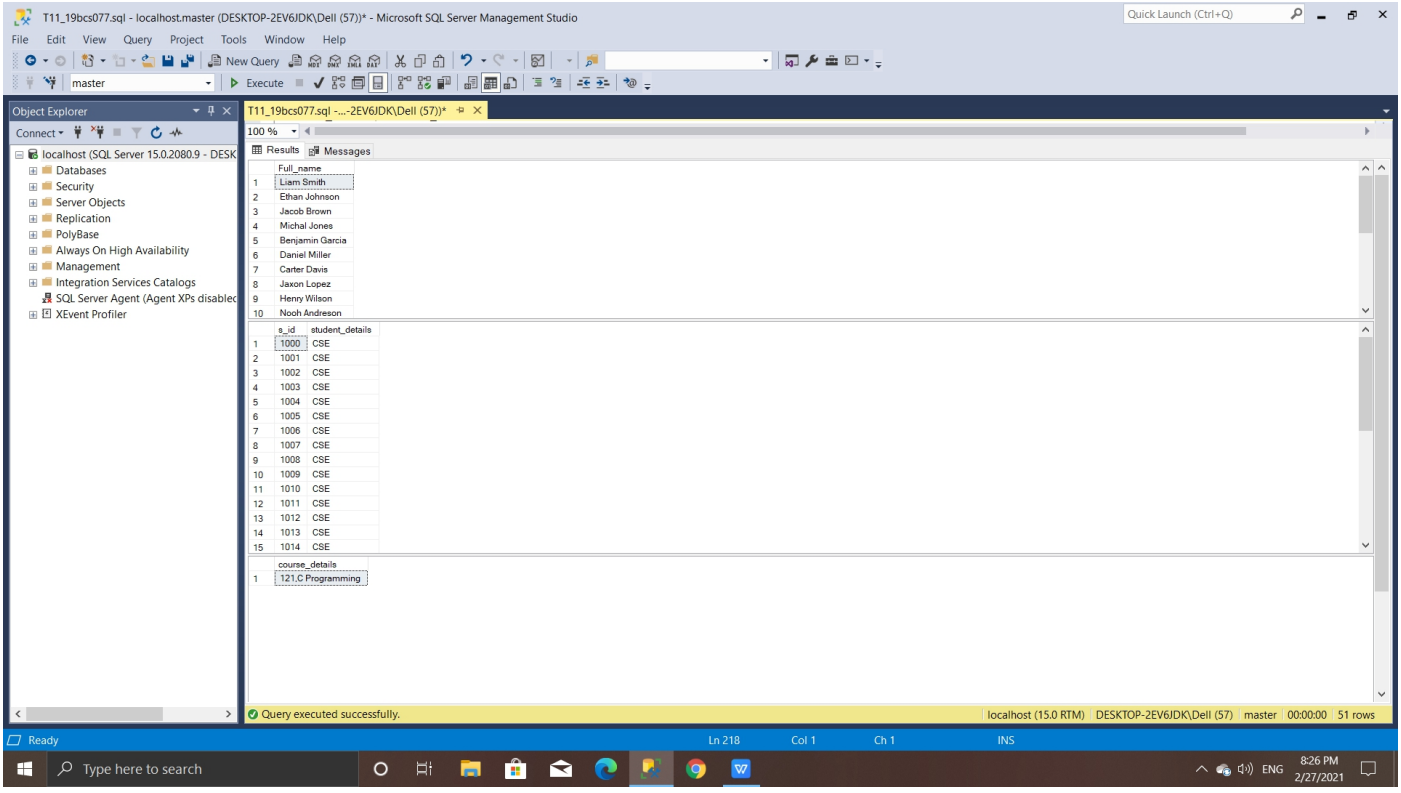
Q1). 5 NESTED QUERIES:

```
select * from course
where i_id IN (select i_id from instructor
where salary > 55000);

select first_name,last_name from instructor
where i_id IN (select i_id from course
where dept_name = 'CSE');

select * from instructor
where i_id IN (select i_id from course
where dept_name IN (select dept_name from student
where age>18));

select * from department
where dept_name IN (select dept_name from instructor
where i_id IN (select i_id from course
where course_id < 120));

select * from course
where dept_name IN (select dept_name from student
where age = 18 );
```



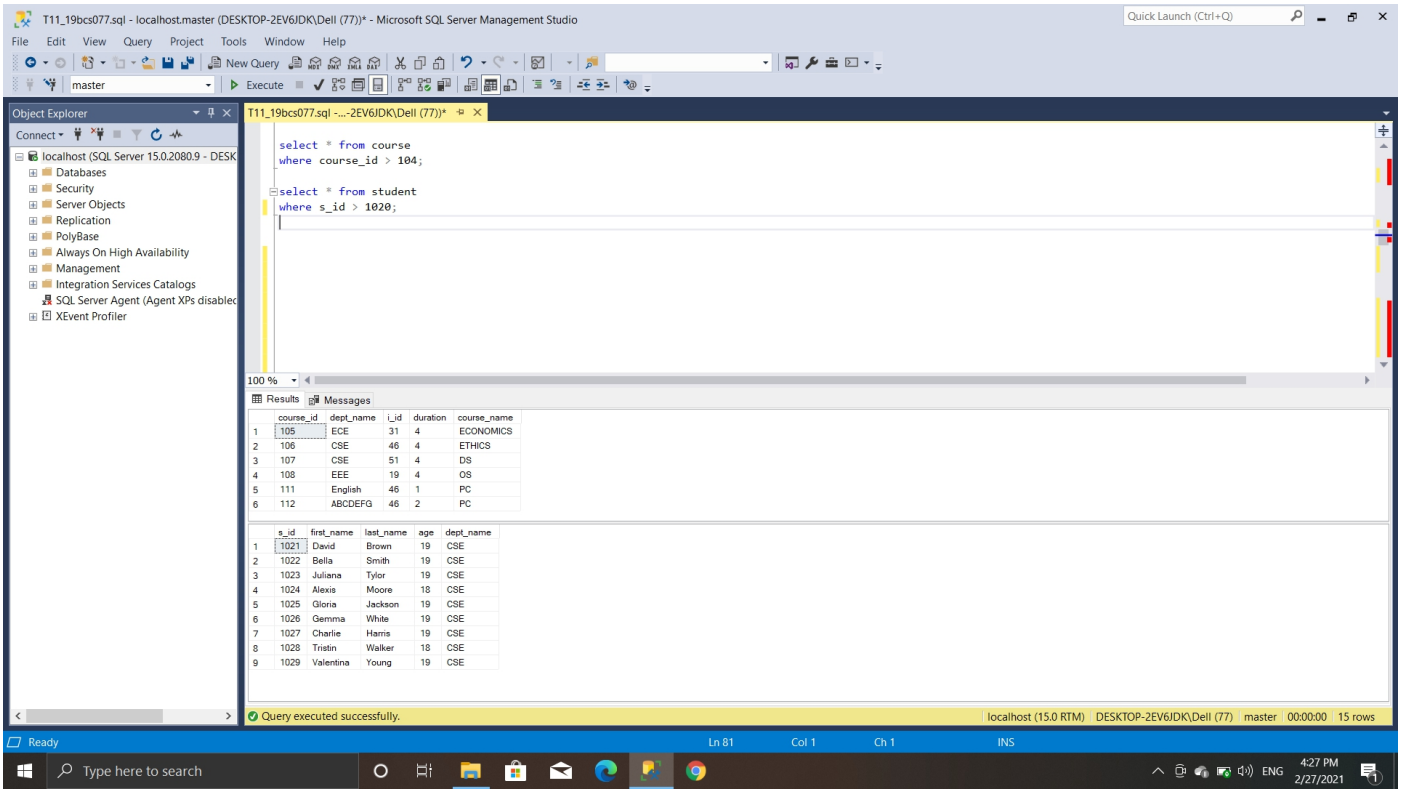
Q2). HOW TO USE CONCAT AND AS IN SQL:

```
select concat(first_name,' ',last_name)as Full_name from instructor;

SELECT s_id , dept_name AS student_details FROM student

SELECT TOP 1 CONCAT(course_id,',',course_name) AS course_details FROM course

where dept_name = 'EEE';
```

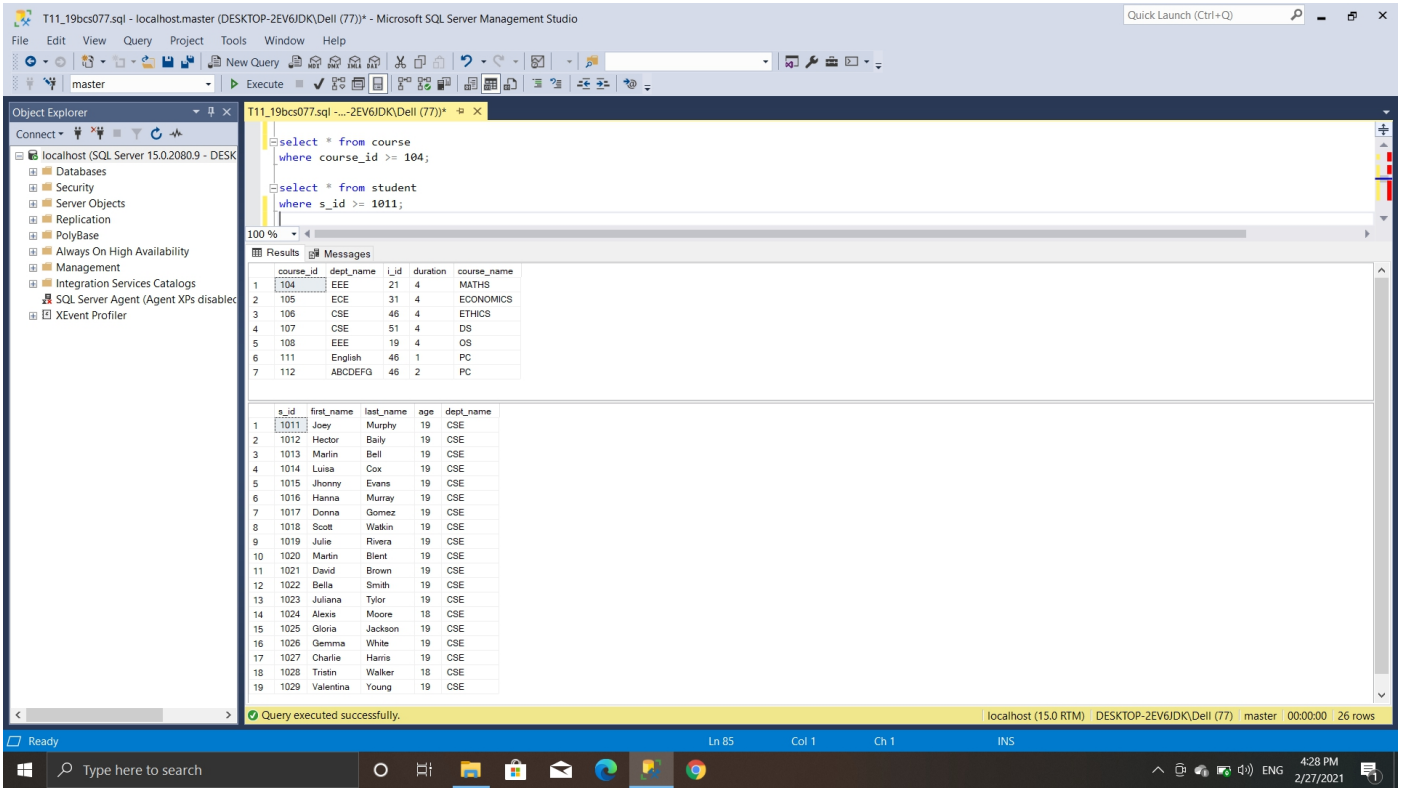


Q3). COMPARISON OPERATOR:

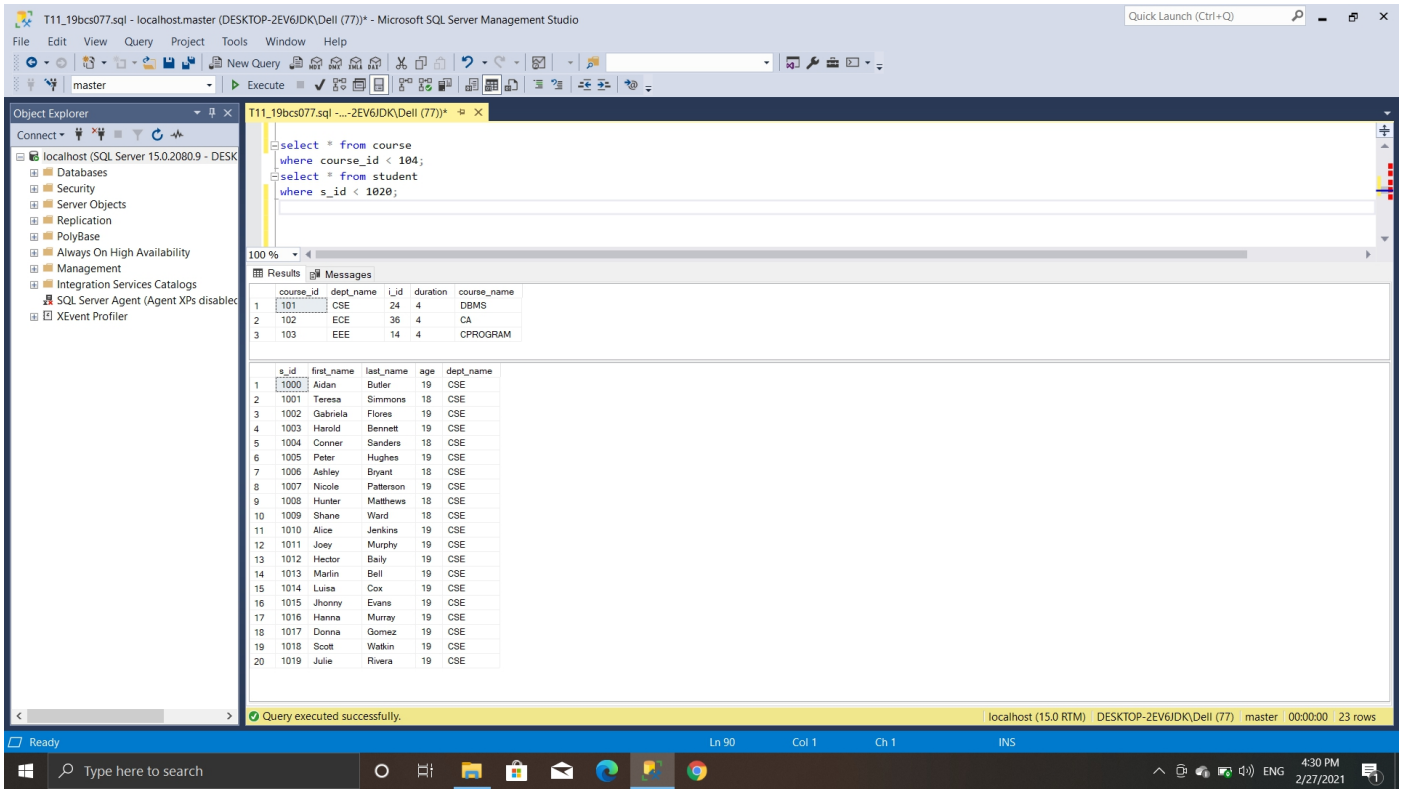
- **USING " > " SYMBOL**



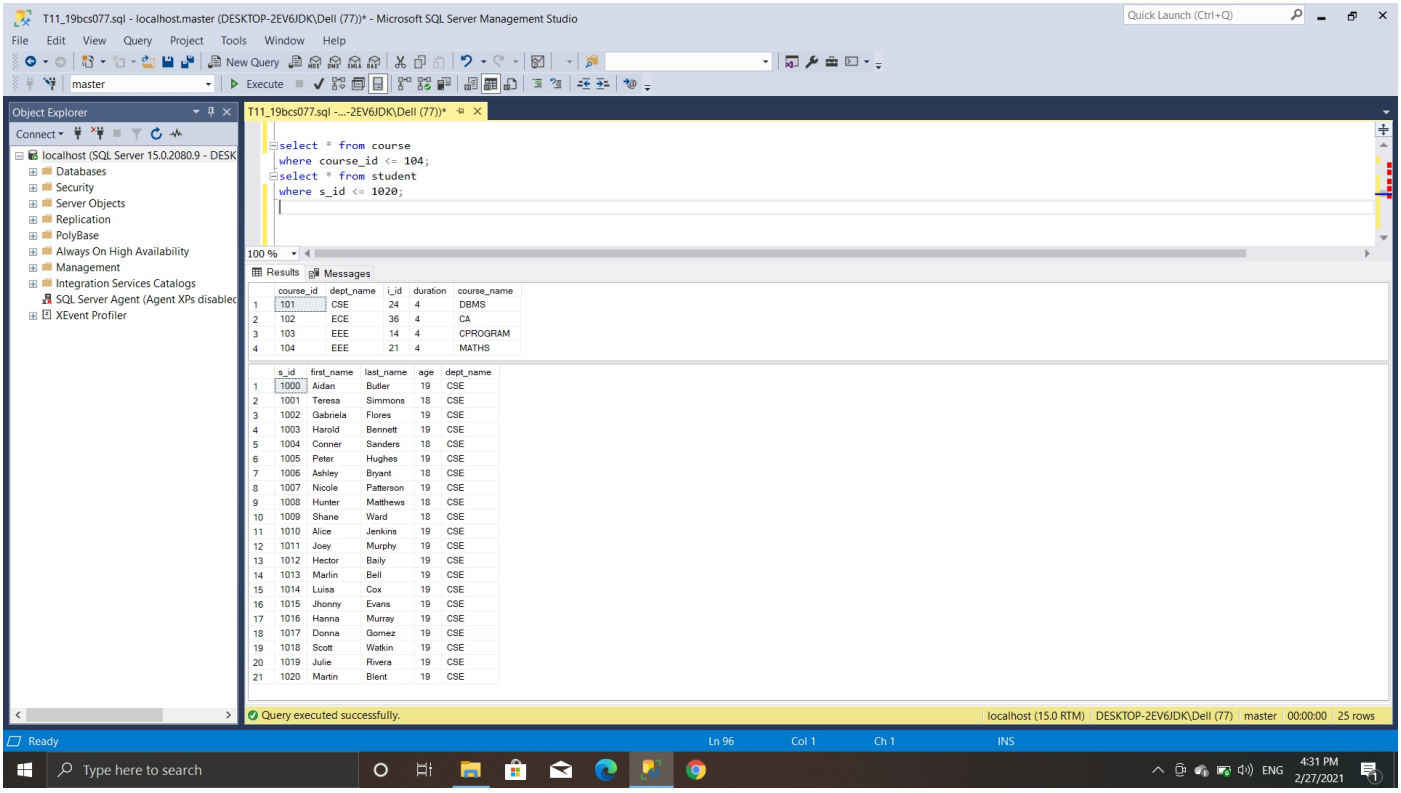
- **USING " >= " SYMBOL**



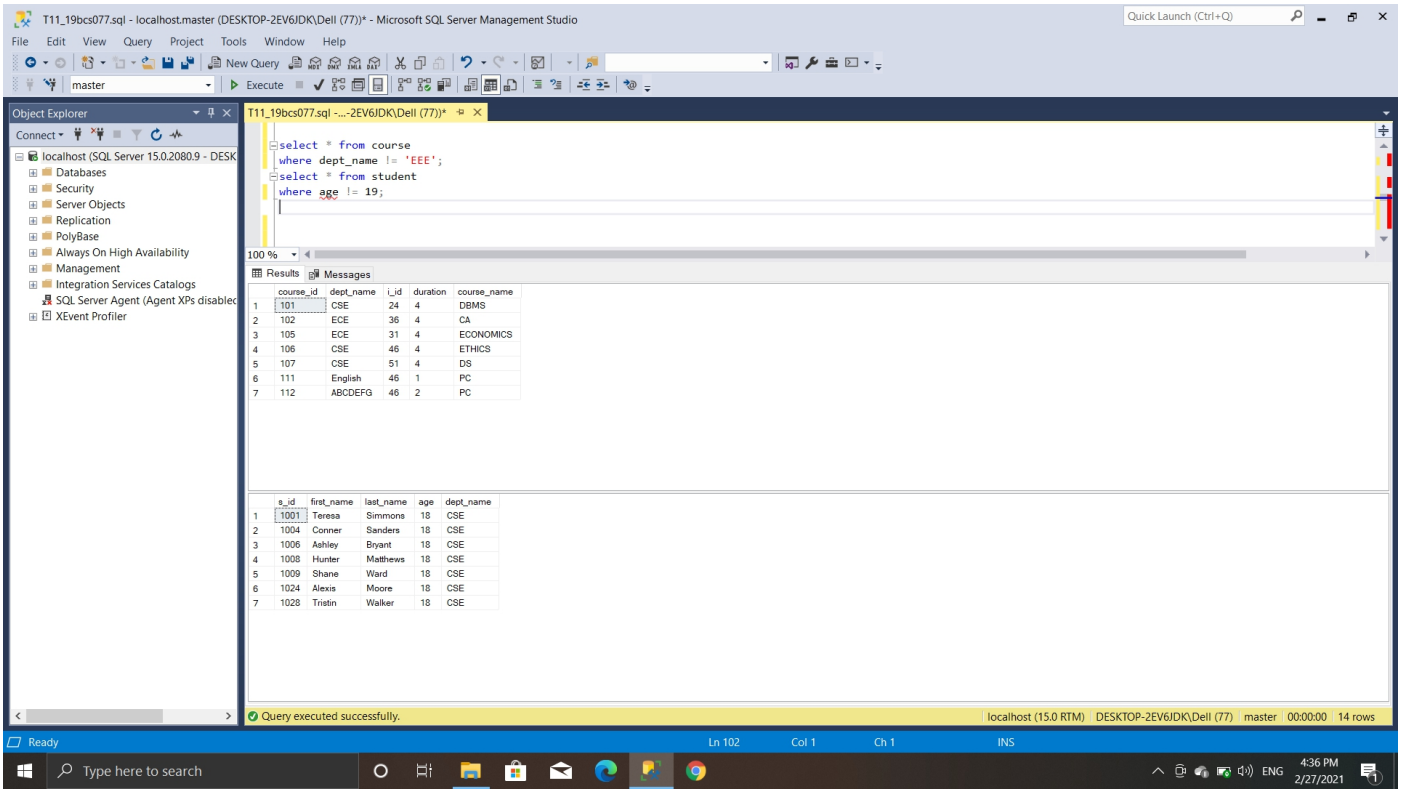
➢ USING “ < ” SYMBOL



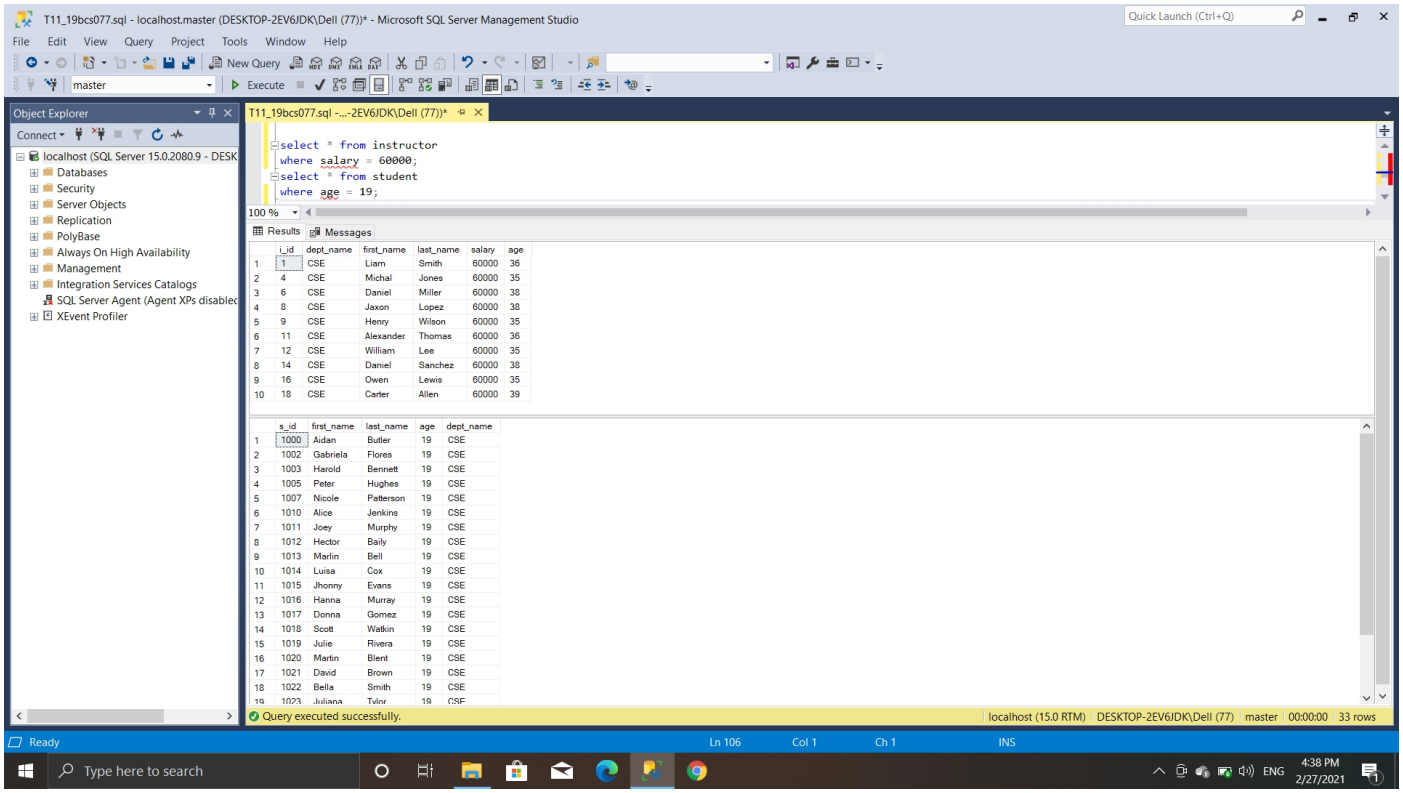
➢ USING “ <= ” SYMBOL



➢ USING “ != ” SYMBOL

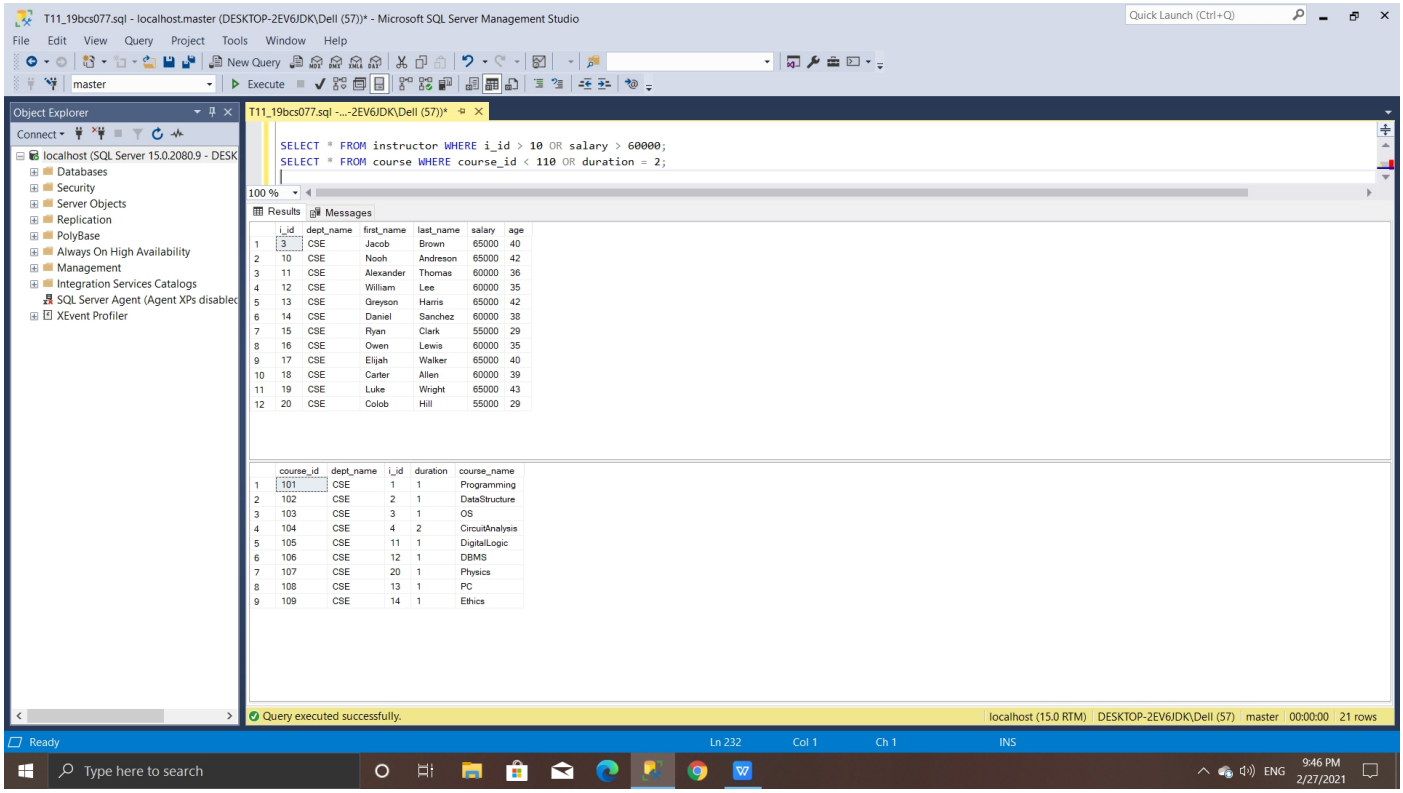


➢ USING “ = ” SYMBOL

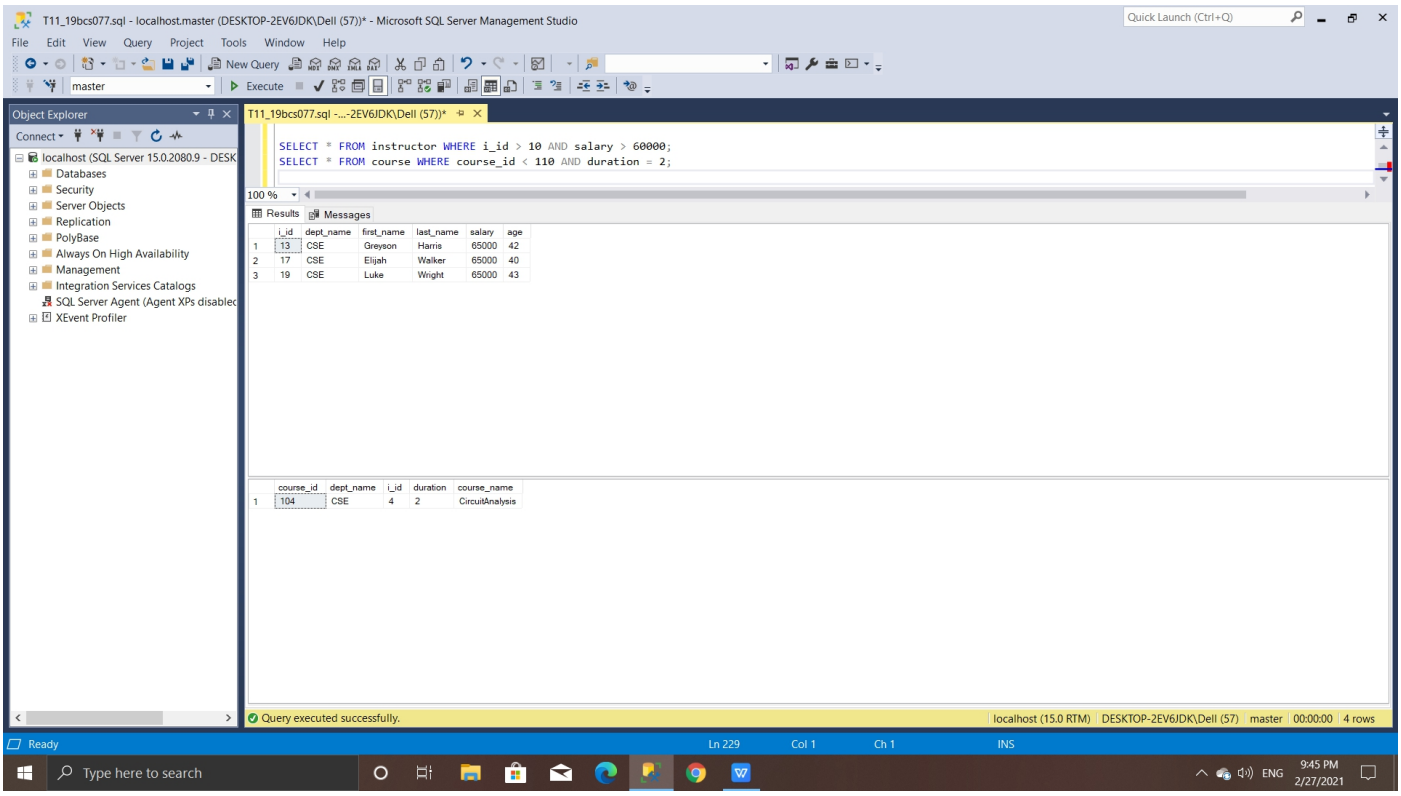


Q4). LOGICAL OPERATORS:

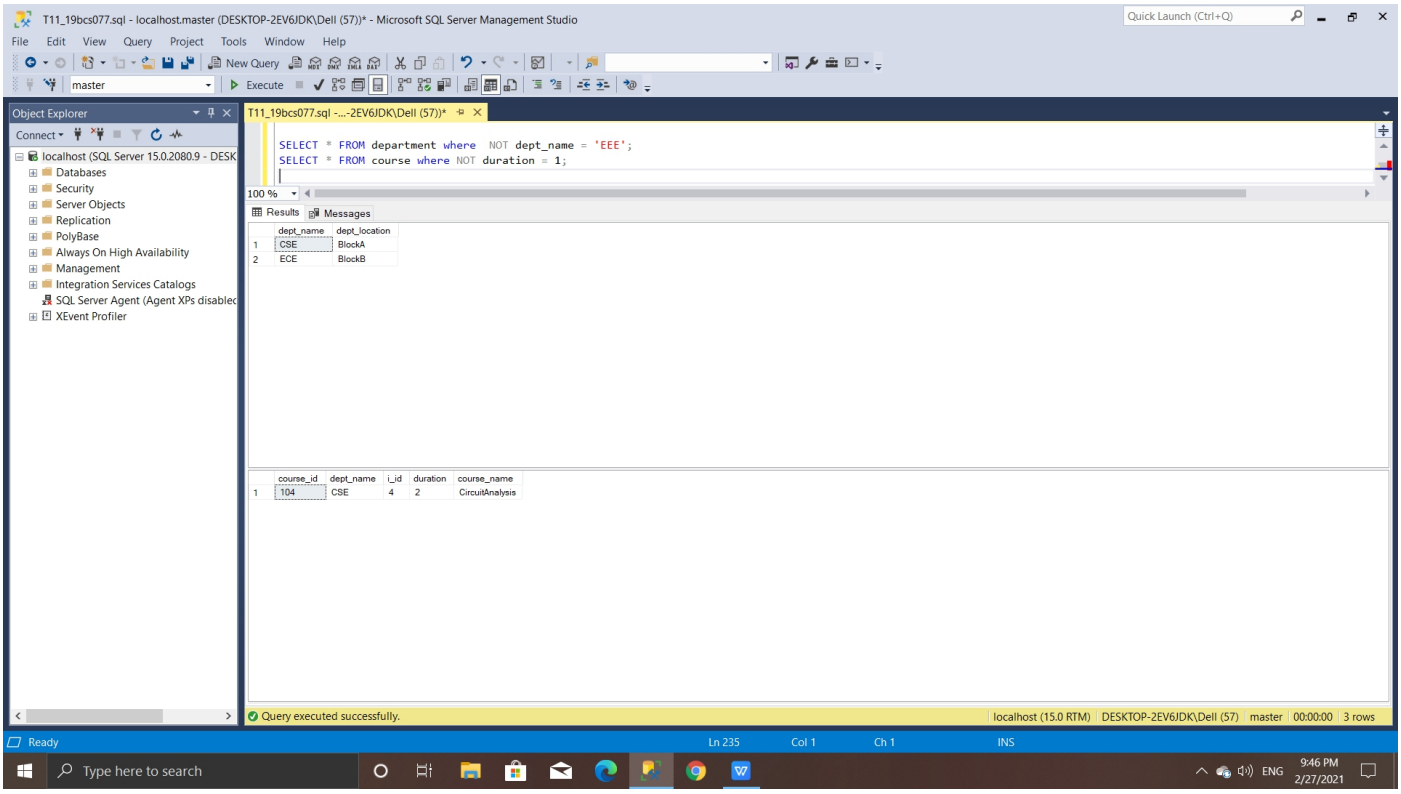
➢ USING "OR"



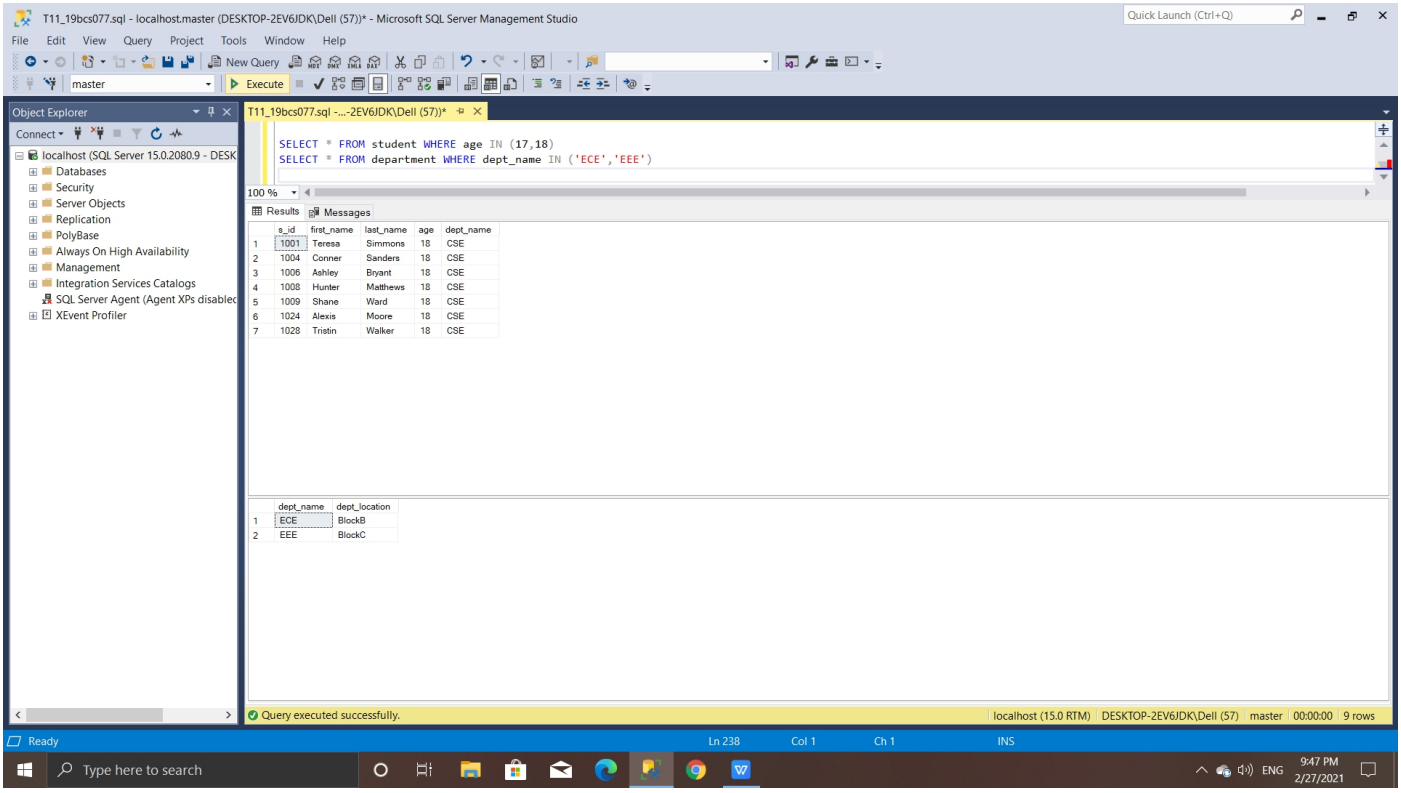
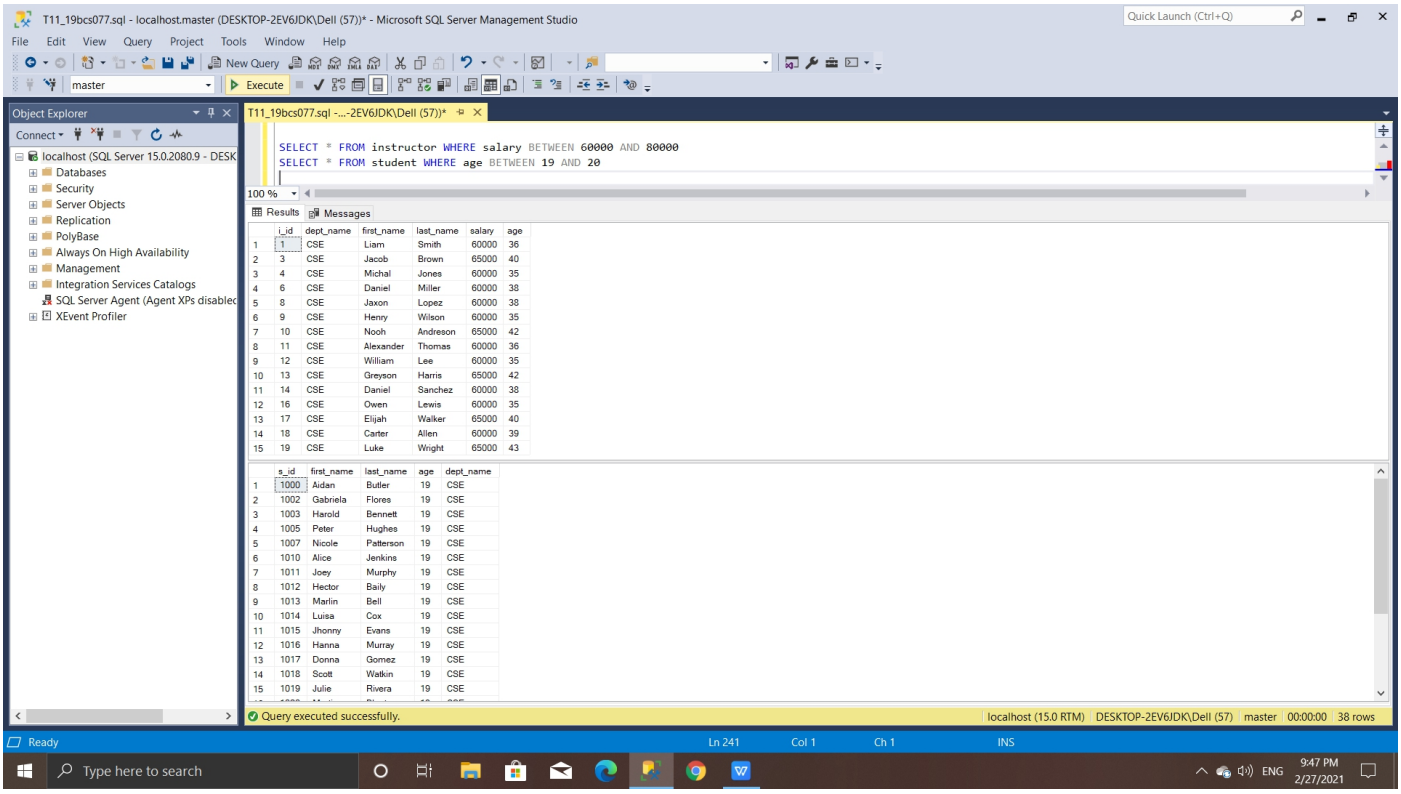
➢ USING "AND"



➢ USING "NOT"



➢ USING "IN"



➢ USING "BETWEEN"