Joins:

It is used to combine rows from two or more tables, based on a related column between them.

**Types of joins:**

* (INNER) JOIN: Returns records that have matching values in both tables
* LEFT (OUTER) JOIN: Returns all records from the left table, and the matched records from the right table
* RIGHT (OUTER) JOIN: Returns all records from the right table, and the matched records from the left table
* FULL (OUTER) JOIN: Returns all records when there is a match in either left or right table

**Syntax**:

**Inner Join**:

SELECT column\_name(s)  
FROM table1  
INNER JOIN table2ON table1.column\_name = table2.column\_name;

**Left join:**

SELECT column\_name(s)  
FROM table1  
LEFT JOIN table2ON table1.column\_name = table2.column\_name;

**Right join:**

SELECT column\_name(s)  
FROM table1  
RIGHT JOIN table2ON table1.column\_name = table2.column\_name;

**Full join:**

SELECT column\_name(s)  
FROM table1  
FULL OUTER JOIN table2ON table1.column\_name = table2.column\_nameWHERE condition;

Operators:

**Arithmetic** :

Add +

Subtract -

Multiply \*

Divide /

Modulo %

**Bitwise Operators**

Bitwise AND &

Bitwise OR |

Bitwise exclusive OR ^

**Comparison Operators**

Equal to =

Greater than >

Less than <

Greater than or equal to >=

Less than or equal to <=

Not equal to <>

**Compound Operators**

Add equals +=

Subtract equals -=

Multiply equals \*=

Divide equals /=

Modulo equals %=

Bitwise AND equals &=

Bitwise exclusive equals ^-=

Bitwise OR equals |\*=

**Today’s Task**

**1.**

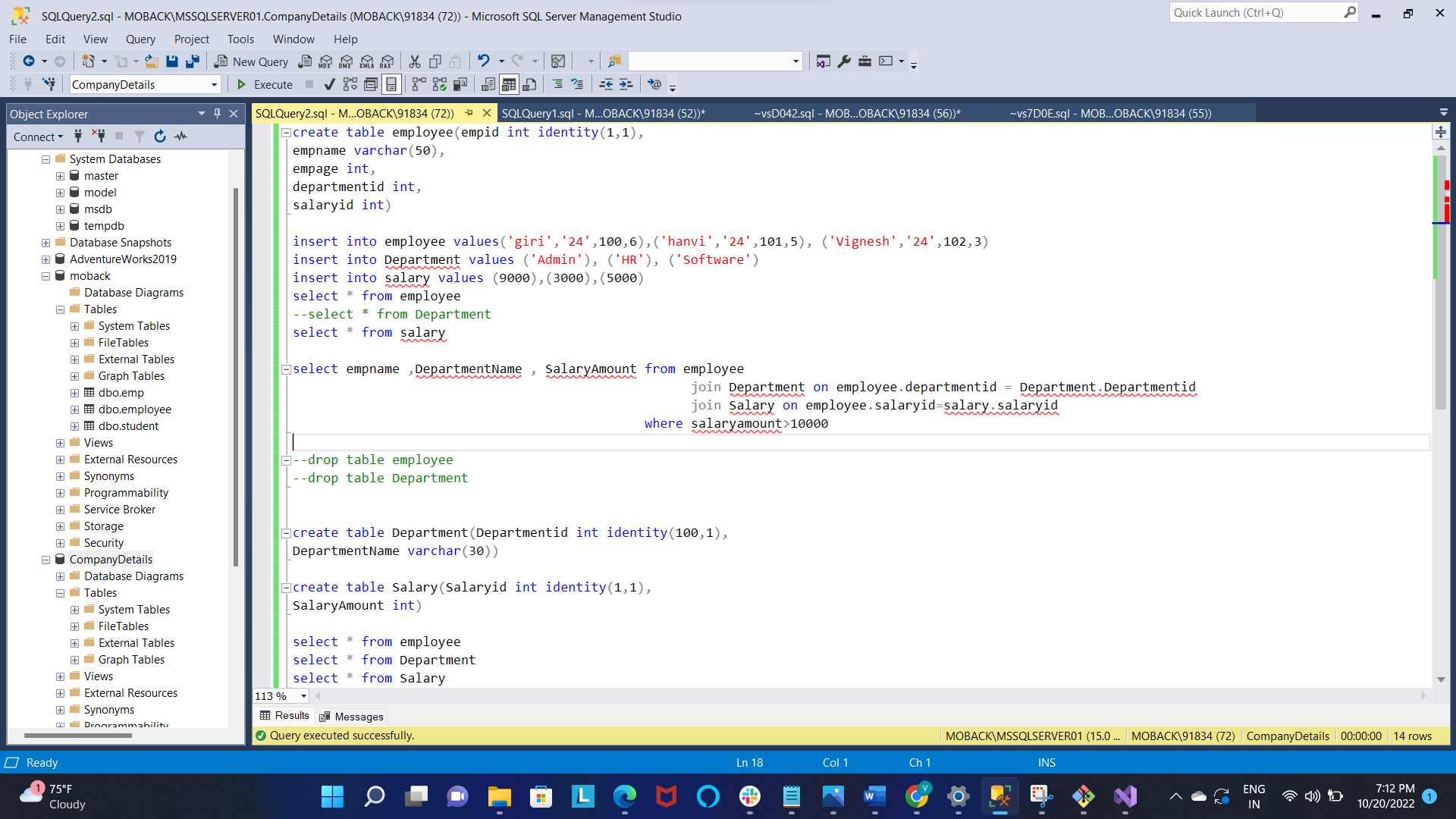
**create three tables employee(empid,empname,empage,departmentid,salaryid)**

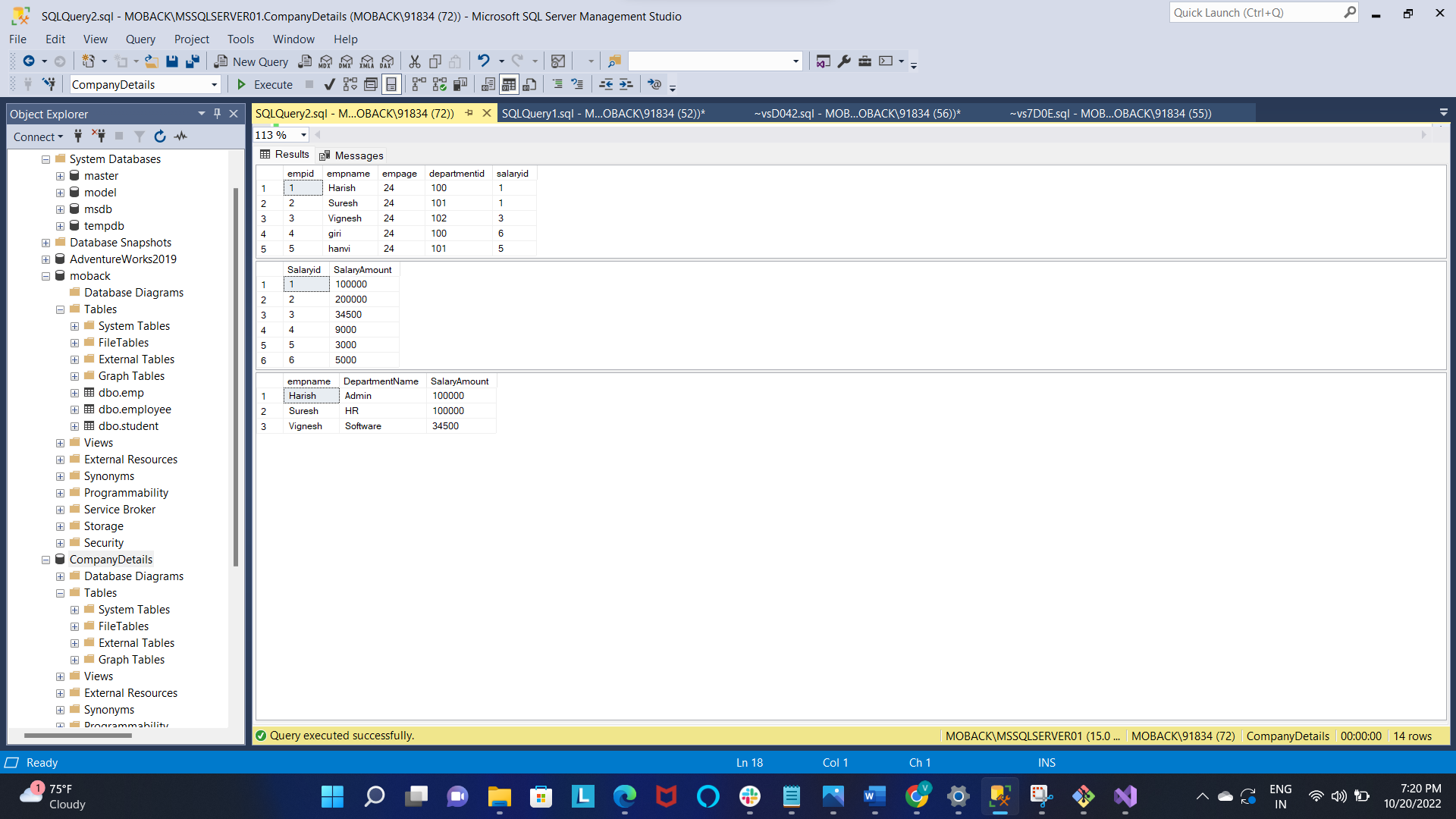
**Department(Departmentid,DepartmentName)**

**Salary(Salaryid,salaryAmount).**

**2.condition is salary>10000**

**3.write a query which displays employeename ,department name, and salary the condition is salary>10000**

****

****