TECHNO INDIA UNIVERSITY
W E S T B E N G A L

Database Management System
(TIU-UCS-L315)
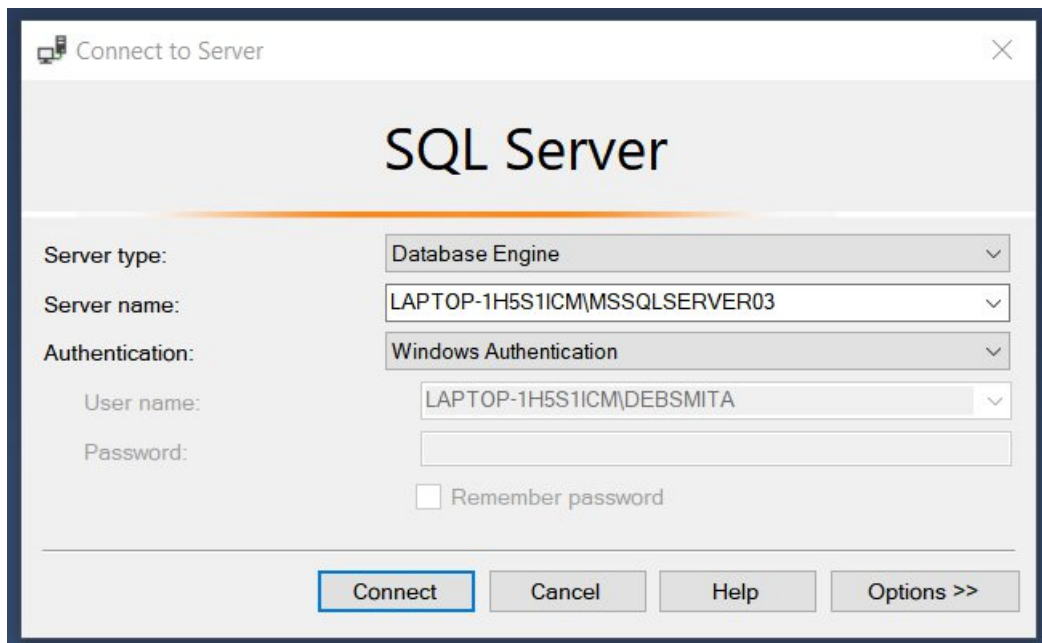## B.Tech (CSE), Semester-V

Department of Computer Science & Engineering
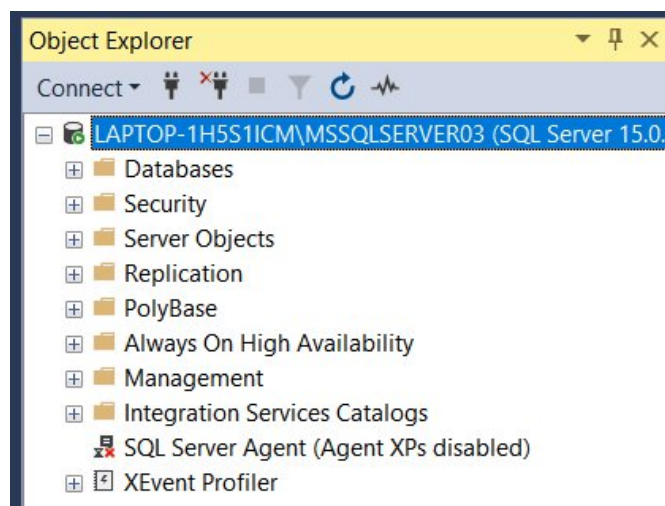
DBMS Lab

Assignment No: 3

Connect to the SQL Server Instance.

Query:

Output Screenshot:

1. Select all the students who are active, sorted by studentid in descending order

2. Create a copy of the student table named student_copy only having records for CSE department students using SELECT INTO clause

3. Select the count of students in each department only when the count is more than 2.

4. Insert two different sets of records in student and student_copy table.

5. Select the records from student table which are not present in student_copy table.

6. Drop all the five tables created so far ie, Student, Department, Course, Batch, StudentStatus.

7. Create the Student table again with a new column AadharId NUMERIC(16,0). StudentId and AadharId should be declared as NOT NULL. Create Primary key on studentid column and unique key on AadharId column.

8. Create the below four tables again with primary key constraint on the id columns:

a. Department – DeptId
b. Course – CourseId

c. Batch -- BatchId

d. StudentStatus – StatusId

9. Insert 4 records in each of the four tables.

10. Insert 10 records in Student table.

11. Alter the Student table to add a new column named studenttype CHAR(1). It should be Not NULL and default value is 'R'. Possible values are 'R' , 'P' and 'C'.

12. Create a Check constraint on studenttype column in Student table to restrict the values only to 'R', 'P' and 'C'

Result/ Conclusion:

All the queries has been executed and completed successfully.