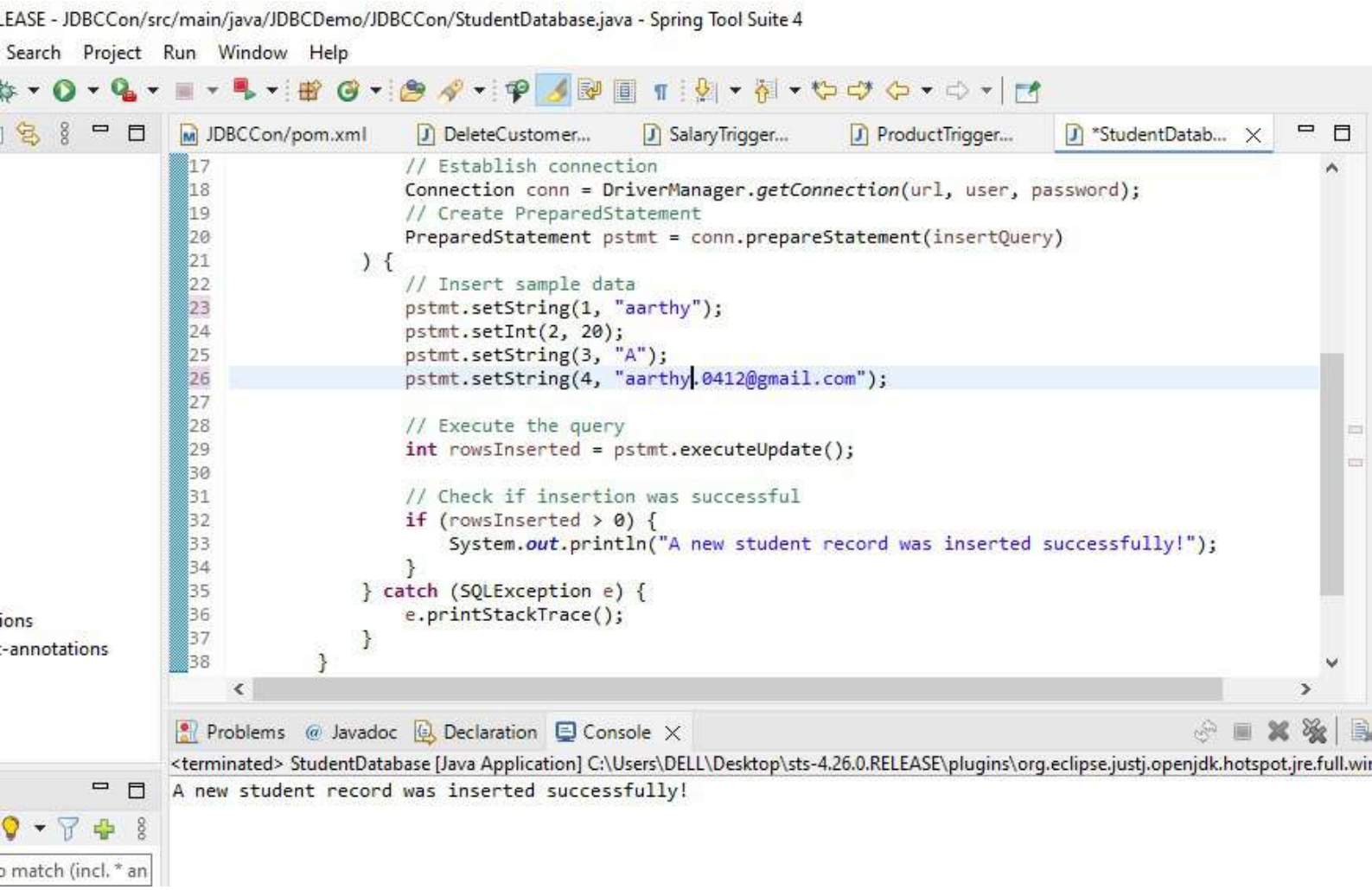
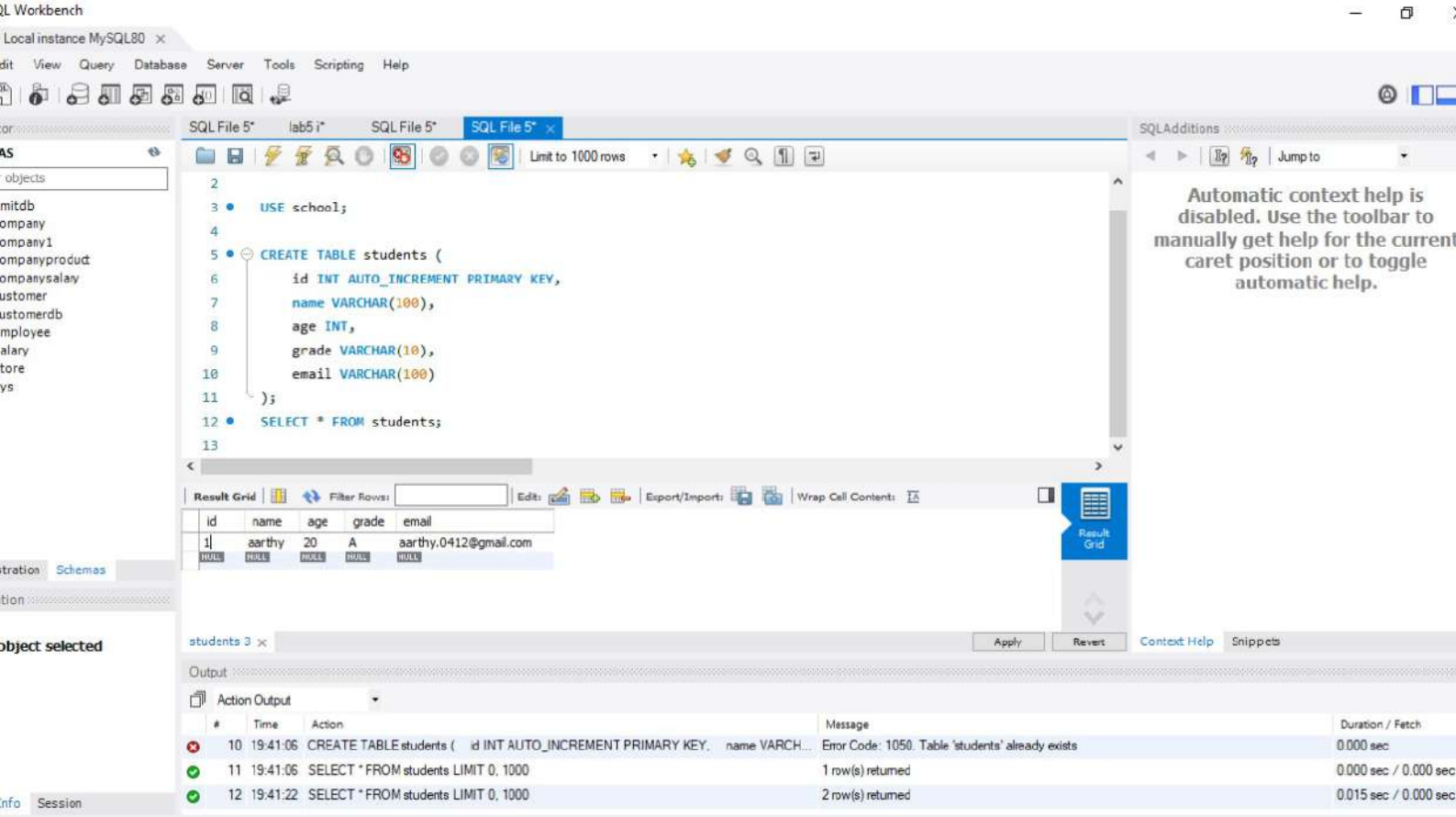

LEASE - JDBCCon/src/main/java/JDBCDemo/JDBCCon/StudentDatabase.java - Spring Tool Suite 4
Search Project Run Window Help
JDBCCon/pom.xml
DeleteCustomer...
SalaryTrigger...
ProductTrigger...
*StudentDatab...
// Establish connection
Connection conn = DriverManager.getConnection(url, user, password);
// Create PreparedStatement
PreparedStatement pstmt = conn.prepareStatement(insertQuery)
) {
// Insert sample data
pstmt.setString(1, "aarthy");
pstmt.setInt(2, 20);
pstmt.setString(3, "A");
pstmt.setString(4, "aarthy.0412@gmail.com");
// Execute the query
int rowsInserted = pstmt.executeUpdate();
// Check if insertion was successful
if (rowsInserted > 0) {
System.out.println("A new student record was inserted successfully!");
}
} catch (SQLException e) {
e.printStackTrace();
}
}
Problems
Javadoc
Declaration
Console
<terminated> StudentDatabase [Java Application] C:\Users\DELL\Desktop\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.wi
A new student record was inserted successfully!


QL Workbench
Local instance MySQL80
dit View Query Database Server Tools Scripting Help
SQL File 5* lab5 i* SQL File 5* SQL File 5*
Limit to 1000 rows
2
3 USE school;
4
5 CREATE TABLE students (
6 id INT AUTO_INCREMENT PRIMARY KEY,
7 name VARCHAR(100),
8 age INT,
9 grade VARCHAR(10),
10 email VARCHAR(100)
11);
12 SELECT * FROM students;
13
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
id name age grade email
1 aarthy 20 A aarthy.0412@gmail.com
NULL NULL NULL NULL NULL
Result Grid
students 3
Apply Revert
SQLAdditions
Jump to
Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.
Context Help Snippets
Output
Action Output
Time Action Message Duration / Fetch
10 19:41:06 CREATE TABLE students (id INT AUTO_INCREMENT PRIMARY KEY, name VARCH... Error Code: 1050. Table 'students' already exists 0.000 sec
11 19:41:06 SELECT * FROM students LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec
12 19:41:22 SELECT * FROM students LIMIT 0, 1000 2 row(s) returned 0.015 sec / 0.000 sec
mitdb
ompany
ompany1
ompanyproduct
ompanysalary
ustomer
ustomerdb
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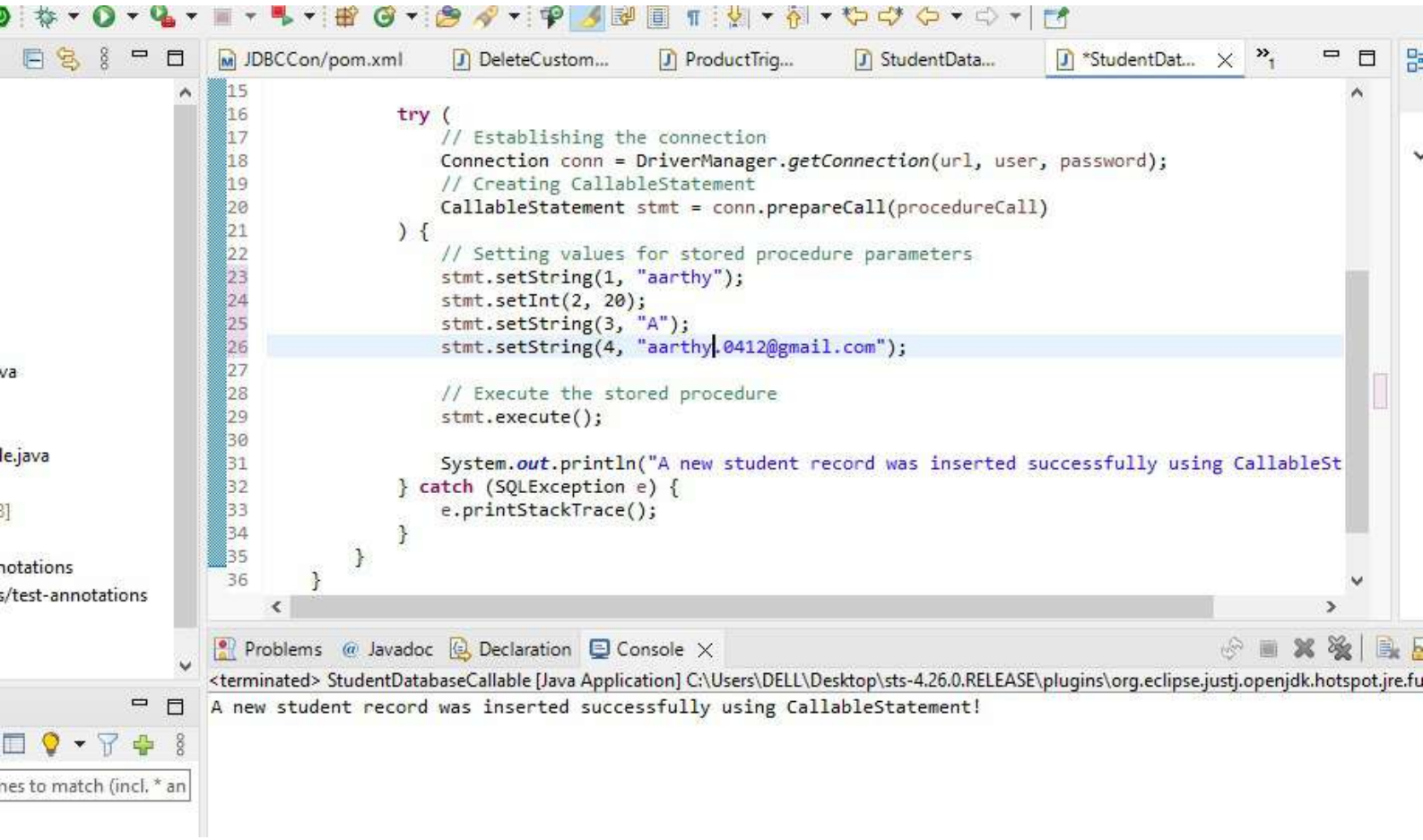
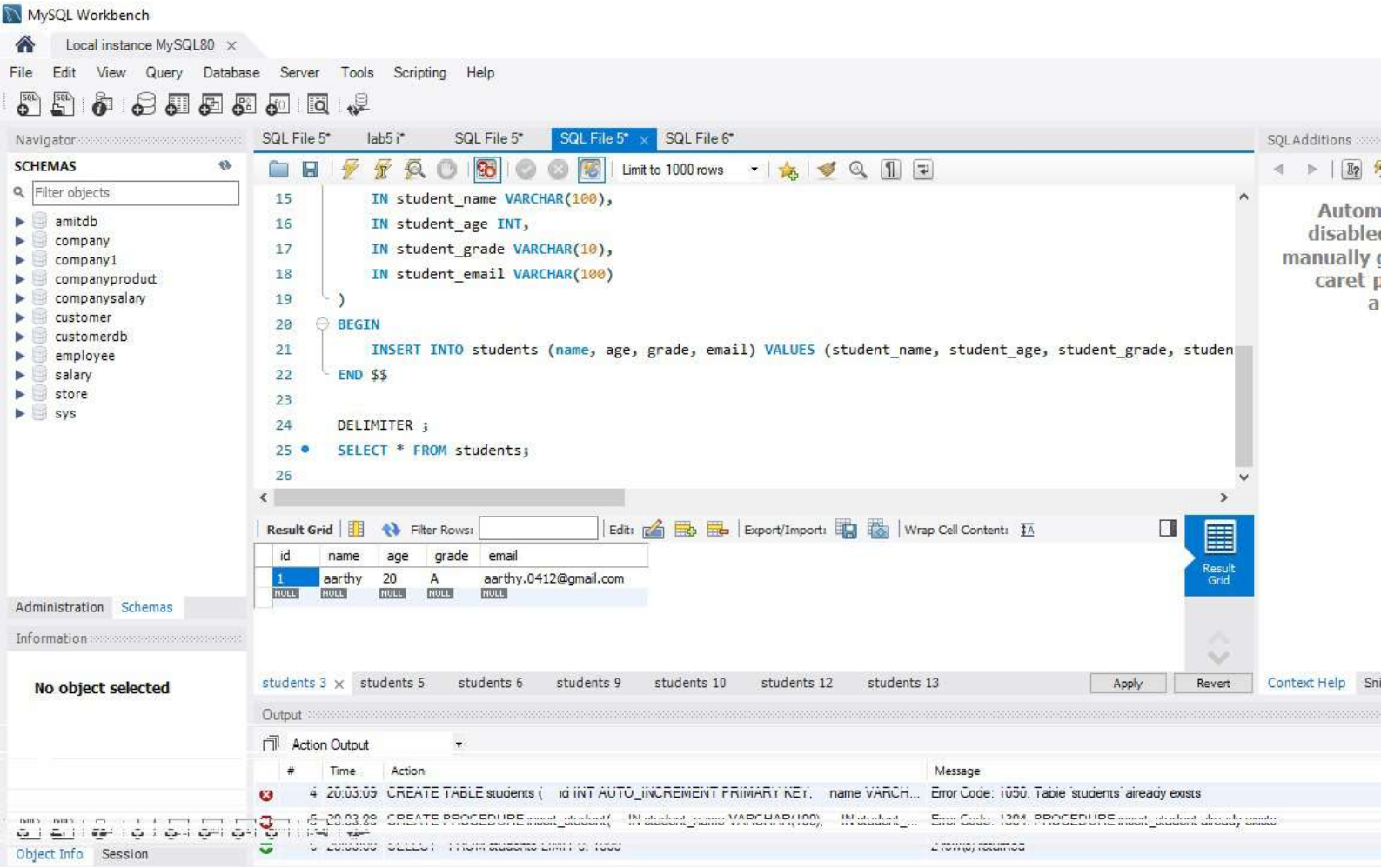
bject selected
Session


JDBCCon/pom.xml
DeleteCustom...
ProductTrig...
StudentData...
*StudentDat...
try (
// Establishing the connection
Connection conn = DriverManager.getConnection(url, user, password);
// Creating CallableStatement
CallableStatement stmt = conn.prepareCall(procedureCall)
) {
// Setting values for stored procedure parameters
stmt.setString(1, "aarthy");
stmt.setInt(2, 20);
stmt.setString(3, "A");
stmt.setString(4, "aarthy.0412@gmail.com");
// Execute the stored procedure
stmt.execute();
System.out.println("A new student record was inserted successfully using CallableSt
} catch (SQLException e) {
e.printStackTrace();
}
}
}
Problems
Javadoc
Declaration
Console
<terminated> StudentDatabaseCallable [Java Application] C:\Users\DELL\Desktop\sts-4.26.0.RELEASE\plugins\org.eclipse.justj.openjdk.hotspot.jre.fu
A new student record was inserted successfully using CallableStatement!


MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Navigator
SCHEMAS
Filter objects
amitdb
company
company1
companyproduct
companysalary
customer
customerdb
employee
salary
store
sys
Administration Schemas
Information
No object selected
Object Info Session
SQL File 5* lab5 i* SQL File 5* SQL File 5* SQL File 6*
Limit to 1000 rows
15 IN student_name VARCHAR(100),
16 IN student_age INT,
17 IN student_grade VARCHAR(10),
18 IN student_email VARCHAR(100)
19)
20 BEGIN
21 INSERT INTO students (name, age, grade, email) VALUES (student_name, student_age, student_grade, studen
22 END $$
23
24 DELIMITER ;
25 SELECT * FROM students;
26
Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:
id name age grade email
1 aarthy 20 A aarthy.0412@gmail.com
NULL NULL NULL NULL NULL
Result Grid
students 3 students 5 students 6 students 9 students 10 students 12 students 13
Apply Revert
SQLAdditions
Context Help
Output
Action Output
Time Action Message
4 20:03:09 CREATE TABLE students (id INT AUTO_INCREMENT PRIMARY KEY, name VARCH... Error Code: 1050. Table 'students' already exists