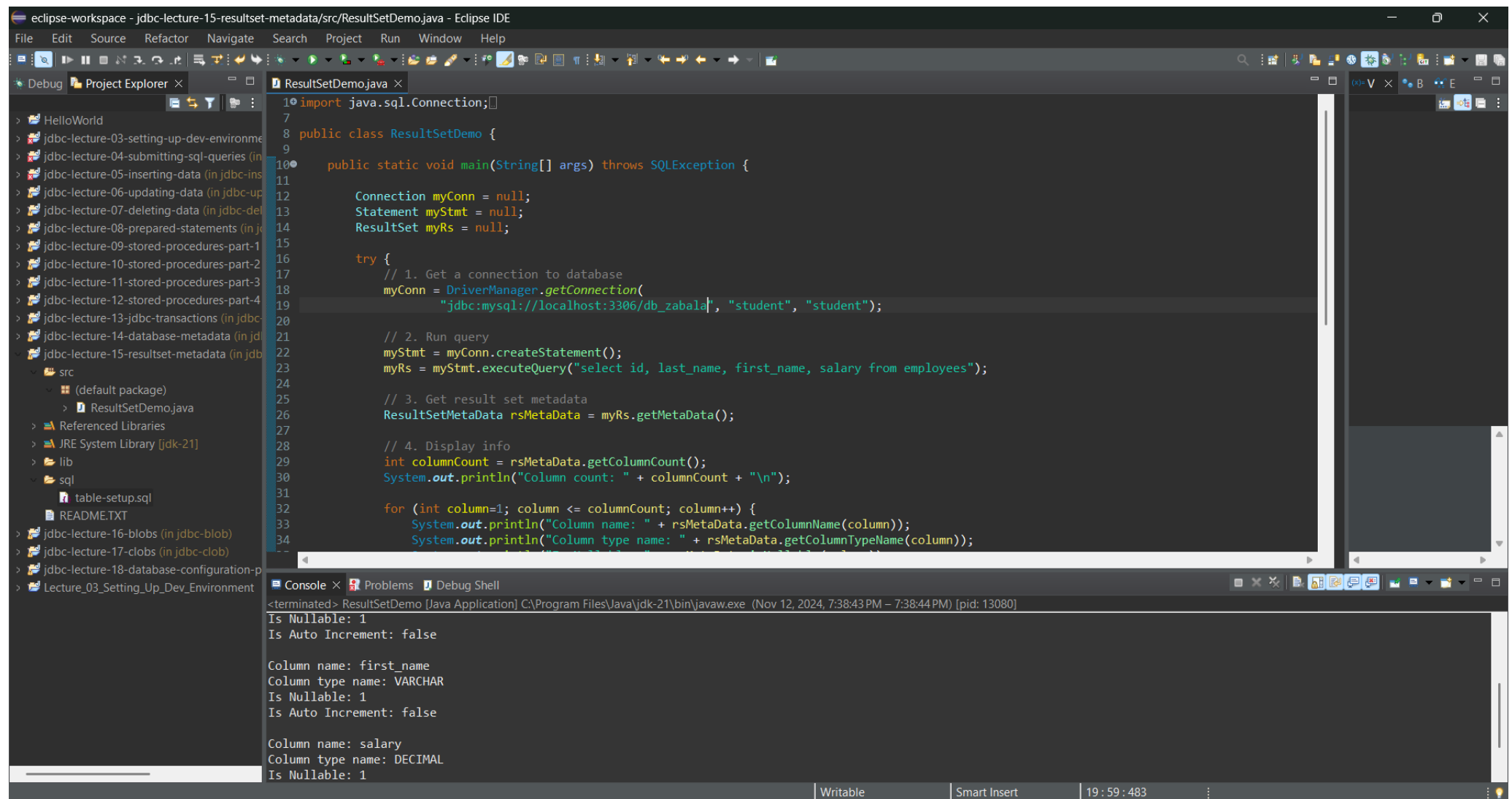


# Lecture 15\_Result Set Metadata

## Result Set Demo



```
eclipse-workspace - jdbc-lecture-15-resultset-metadata/src/ResultSetDemo.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Debug Project Explorer x
ResultSetDemo.java x
1 import java.sql.Connection;
2
3 public class ResultSetDemo {
4
5     public static void main(String[] args) throws SQLException {
6
7         Connection myConn = null;
8         Statement myStmt = null;
9         ResultSet myRs = null;
10
11         try {
12             // 1. Get a connection to database
13             myConn = DriverManager.getConnection(
14                 "jdbc:mysql://localhost:3306/db_zabala", "student", "student");
15
16             // 2. Run query
17             myStmt = myConn.createStatement();
18             myRs = myStmt.executeQuery("select id, last_name, first_name, salary from employees");
19
20             // 3. Get result set metadata
21             ResultSetMetaData rsMetaData = myRs.getMetaData();
22
23             // 4. Display info
24             int columnCount = rsMetaData.getColumnCount();
25             System.out.println("Column count: " + columnCount + "\n");
26
27             for (int column=1; column <= columnCount; column++) {
28                 System.out.println("Column name: " + rsMetaData.getColumnName(column));
29                 System.out.println("Column type name: " + rsMetaData.getColumnTypeName(column));
30             }
31         }
32     }
33 }
34
```

Console x Problems x Debug Shell

<terminated> ResultSetDemo [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (Nov 12, 2024, 7:38:43 PM - 7:38:44 PM) [pid: 13080]

Is Nullable: 1  
Is Auto Increment: false

Column name: first\_name  
Column type name: VARCHAR  
Is Nullable: 1  
Is Auto Increment: false

Column name: salary  
Column type name: DECIMAL  
Is Nullable: 1

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