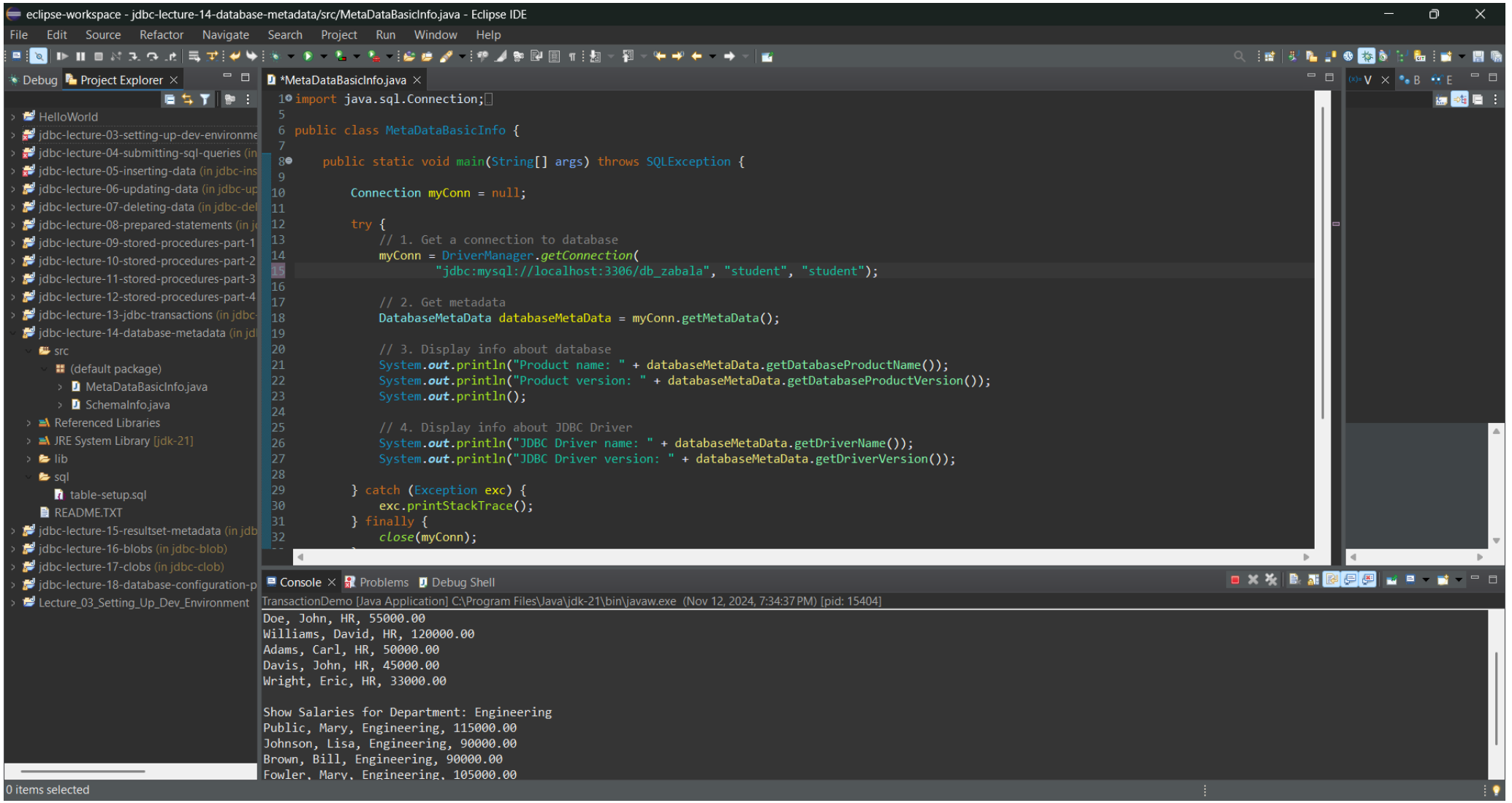
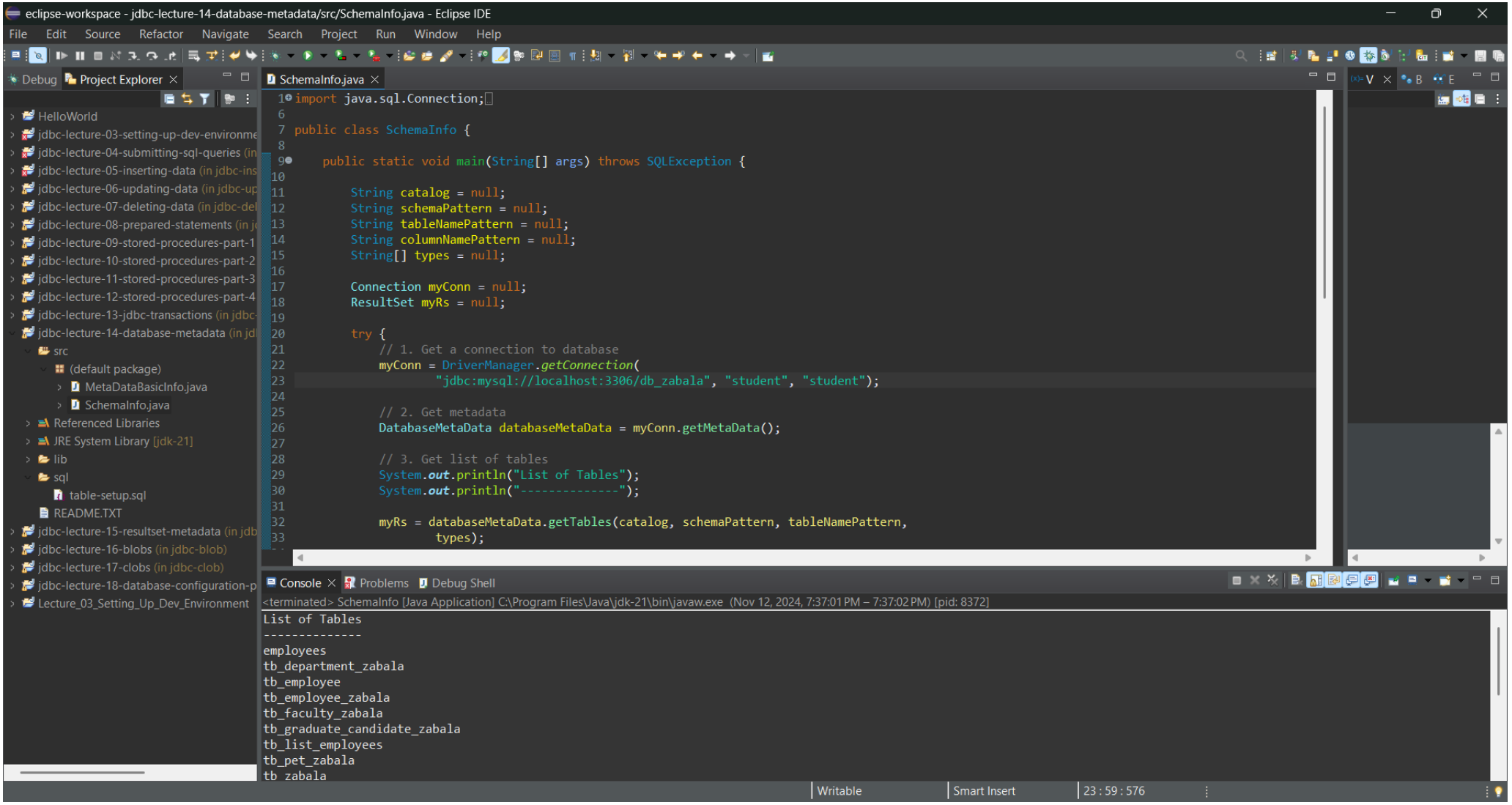
Lecture 14_Database Metadata

Metadata Basic Info



Schema Info


eclipse-workspace - jdbc-lecture-14-database-metadata/src/SchemaInfo.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
Debug Project Explorer
HelloWorld
jdbc-lecture-03-setting-up-dev-environme
jdbc-lecture-04-submitting-sql-queries (in
jdbc-lecture-05-inserting-data (in jdbc-ins
jdbc-lecture-06-updating-data (in jdbc-up
jdbc-lecture-07-deleting-data (in jdbc-del
jdbc-lecture-08-prepared-statements (in j
jdbc-lecture-09-stored-procedures-part-1
jdbc-lecture-10-stored-procedures-part-2
jdbc-lecture-11-stored-procedures-part-3
jdbc-lecture-12-stored-procedures-part-4
jdbc-lecture-13-jdbc-transactions (in jdbc-
jdbc-lecture-14-database-metadata (in jd
src
(default package)
MetaDataBasicInfo.java
SchemaInfo.java
Referenced Libraries
JRE System Library [jdk-21]
lib
sql
table-setup.sql
README.TXT
jdbc-lecture-15-resultset-metadata (in jdb
jdbc-lecture-16-blobs (in jdbc-blob)
jdbc-lecture-17-clobs (in jdbc-clob)
jdbc-lecture-18-database-configuration-p
Lecture_03_Setting_Up_Dev_Environment
SchemaInfo.java
1 import java.sql.Connection;
6
7 public class SchemaInfo {
8
9 public static void main(String[] args) throws SQLException {
10
11 String catalog = null;
12 String schemaPattern = null;
13 String tableNamePattern = null;
14 String columnNamePattern = null;
15 String[] types = null;
16
17 Connection myConn = null;
18 ResultSet myRs = null;
19
20 try {
21 // 1. Get a connection to database
22 myConn = DriverManager.getConnection(
23 "jdbc:mysql://localhost:3306/db_zabala", "student", "student");
24
25 // 2. Get metadata
26 DatabaseMetaData databaseMetaData = myConn.getMetaData();
27
28 // 3. Get list of tables
29 System.out.println("List of Tables");
30 System.out.println("--------------");
31
32 myRs = databaseMetaData.getTables(catalog, schemaPattern, tableNamePattern,
33 types);
Console Problems Debug Shell
<terminated> SchemaInfo [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (Nov 12, 2024, 7:37:01 PM – 7:37:02 PM) [pid: 8372]
List of Tables
----
employees
tb_department_zabala
tb_employee
tb_employee_zabala
tb_faculty_zabala
tb_graduate_candidate_zabala
tb_list_employees
tb_pet_zabala
tb_zabala
Writable
Smart Insert
23 : 59 : 576