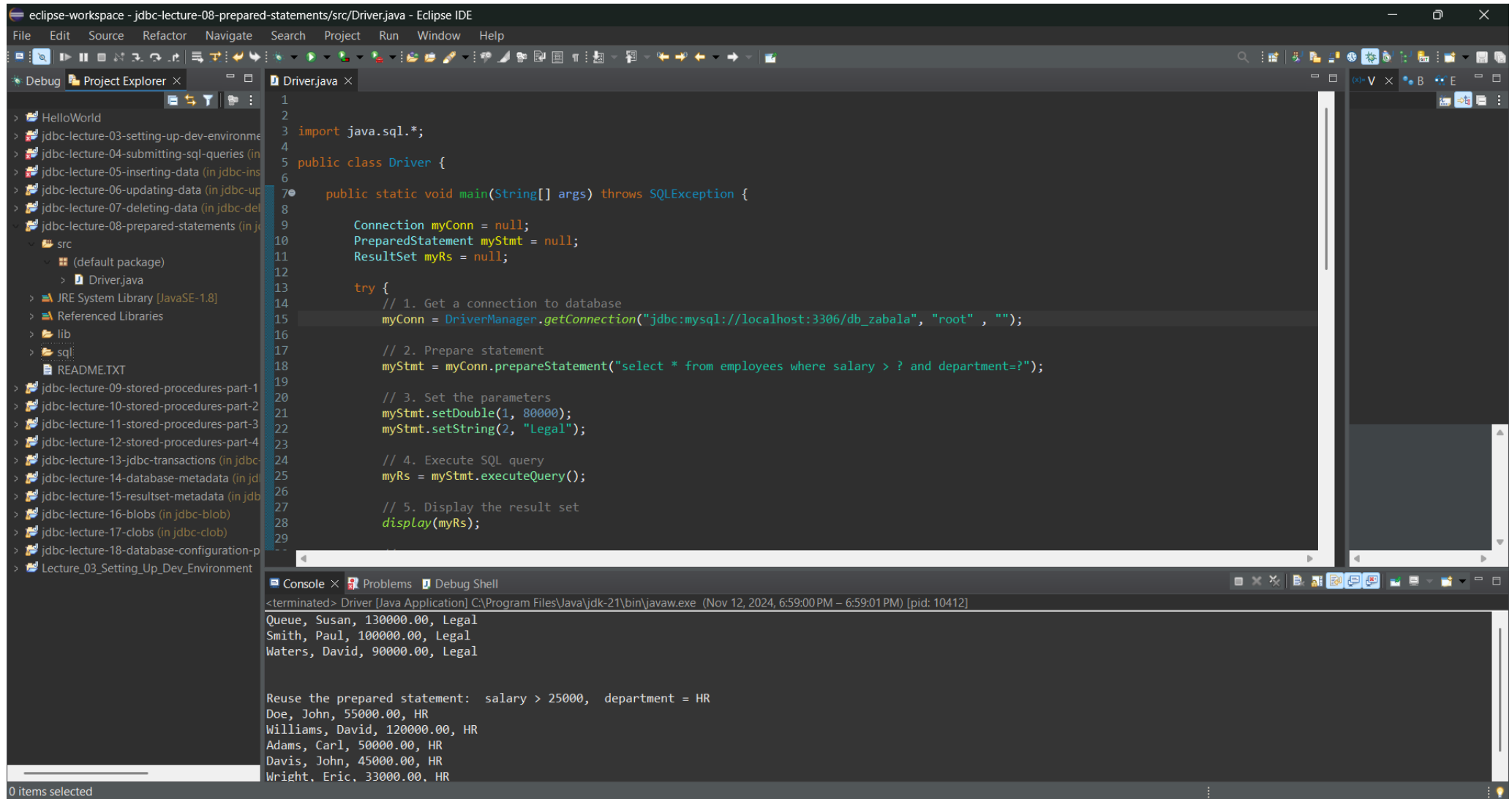


Lecture 8_Prepared Statements

DRIVER



The screenshot displays the Eclipse IDE interface with a Java project named 'jdbc-lecture-08-prepared-statements'. The main editor shows the 'Driver.java' file, which contains the following code:

```
1
2
3 import java.sql.*;
4
5 public class Driver {
6
7     public static void main(String[] args) throws SQLException {
8
9         Connection myConn = null;
10        PreparedStatement myStmt = null;
11        ResultSet myRs = null;
12
13        try {
14            // 1. Get a connection to database
15            myConn = DriverManager.getConnection("jdbc:mysql://localhost:3306/db_zabala", "root", "");
16
17            // 2. Prepare statement
18            myStmt = myConn.prepareStatement("select * from employees where salary > ? and department=?");
19
20            // 3. Set the parameters
21            myStmt.setDouble(1, 80000);
22            myStmt.setString(2, "Legal");
23
24            // 4. Execute SQL query
25            myRs = myStmt.executeQuery();
26
27            // 5. Display the result set
28            display(myRs);
29        }
30    }
31}
```

The console output shows the results of the first query and the results of reusing the prepared statement with different parameters.

```
<terminated> Driver [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (Nov 12, 2024, 6:59:00 PM – 6:59:01 PM) [pid: 10412]
Queue, Susan, 130000.00, Legal
Smith, Paul, 100000.00, Legal
Waters, David, 90000.00, Legal

Reuse the prepared statement: salary > 25000, department = HR
Doe, John, 55000.00, HR
Williams, David, 120000.00, HR
Adams, Carl, 50000.00, HR
Davis, John, 45000.00, HR
Wright, Eric, 33000.00, HR
```