SMARTBRIDGE EXTERNSHIP Modern Application Development (Java Spring Boot)

Week 3 Assignment

Name: Adonia Chalcedony Indian

Reg no: 20BCI7306

Code:

```java
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.sql.Statement;

public class JDBCExample {
    public static void main(String[] args) {

        String JDBC_DRIVER = "com.mysql.jdbc.Driver";
        String DB_URL = "jdbc:mysql://localhost:3306/mydatabase";

        String USER = "username";
        String PASS = "password";

        Connection conn = null;
        Statement stmt = null;
        try {

            Class.forName(JDBC_DRIVER);

            System.out.println("Connecting to database...");
            conn = DriverManager.getConnection(DB_URL, USER, PASS);

            System.out.println("Creating statement...");
            stmt = conn.createStatement();
            String sql = "SELECT id, name, age FROM employees";
            ResultSet rs = stmt.executeQuery(sql);

            while (rs.next()) {

                int id = rs.getInt("id");
                String name = rs.getString("name");
                int age = rs.getInt("age");

                System.out.print("ID: " + id);
                System.out.print(", Name: " + name);
                System.out.println(", Age: " + age);
            }

            rs.close();
```

```java
         stmt.close();
         conn.close();
      } catch (SQLException se) {

         se.printStackTrace();
      } catch (Exception e) {

         e.printStackTrace();
      } finally {

         try {
            if (stmt != null)
               stmt.close();
         } catch (SQLException se2) {
         }
         try {
            if (conn != null)
               conn.close();
         } catch (SQLException se) {
            se.printStackTrace();
         }
      }
      System.out.println("Goodbye!");
   }
}
```

Output:

```
Output:

Goodbye!
```