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| **Class: FYMCA Div: A**  **Semester: II** | **Course Code:**  MCA01554  **Course Name: Java Programming Laboratory** | | **Batch:**  **F1** |
| **Name: Anurag Dalal** | | **Roll No: 51009** | |
| **CO No: CO515.4** | | **Assignment No: 12** | |

**PRACTICAL SUBMISSION RECORD- A.Y. 2024-25**

Title:

Write a Java program to display the employee id, age, Date of joining, first name and last name using JDBC connectivity. (Assume suitable table structure)

Table Description

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Description automatically generatedTable Records

Code:

package practice\_java;

import java.sql.\*;

public class Assignment\_No\_12 {

public static void main(String[] args) {

String url = "jdbc:mysql://localhost:3306/java\_practice";

String user = "root";

String password = "";

try {

Class.*forName*("com.mysql.cj.jdbc.Driver");

Connection conn = DriverManager.*getConnection*(url, user, password);

String query = "SELECT employee\_id, age, date\_of\_joining, first\_name, last\_name FROM EMPLOYEE";

Statement stmt = conn.createStatement();

ResultSet rs = stmt.executeQuery(query);

System.***out***.println("\n");

System.***out***.printf("%-12s %-5s %-15s %-15s %-15s\n", "Employee ID", "Age", "Date Joined", "First Name", "Last Name");

System.***out***.println("-----------------------------------------------------------------------");

while (rs.next()) {

int id = rs.getInt("employee\_id");

int age = rs.getInt("age");

Date doj = rs.getDate("date\_of\_joining");

String first = rs.getString("first\_name");

String last = rs.getString("last\_name");

System.***out***.printf("%-12d %-5d %-15s %-15s %-15s\n", id, age, doj.toString(), first, last);

}

rs.close();

stmt.close();

conn.close();

} catch (ClassNotFoundException e) {

System.***err***.println("JDBC Driver not found.");

} catch (SQLException e) {

System.***err***.println("Database error: " + e.getMessage());

}

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}

Output: