

ASSIGNMENT 3

JDBC CONNECTIVITY IN JAVA

INPUT -

```
import java.sql.*;

public class Example {
    static final String DB_URL = "jdbc:mysql://localhost/EXAMPLECODE";
    static final String USER = "guest";
    static final String PASS = "guest123";
    static final String QUERY = "SELECT id, first, last, age FROM
Employees";

    public static void main(String[] args) {
        // Open a connection
        try (Connection conn = DriverManager.getConnection(DB_URL, USER,
PASS);

        Statement stmt = conn.createStatement();
        ResultSet rs = stmt.executeQuery(QUERY);) {
            // Extract data from result set
            while (rs.next()) {
                // Retrieve by column name
                System.out.print("ID: " + rs.getInt("id"));
                System.out.print(", Age: " + rs.getInt("age"));
                System.out.print(", First: " + rs.getString("first"));
                System.out.println(", Last: " + rs.getString("last"));
            }
        } catch (SQLException e) {
            e.printStackTrace();
        }
    }
}
```

OUTPUT-

```
C:\>java Example
Connecting to database...
Creating statement...
ID: 100, Age: 24, First: Aviral, Last: Srivastava
ID: 101, Age: 26, First: Rahul, Last: Singh
ID: 102, Age: 28, First: Abhinav, Last: Kumar
ID: 103, Age: 23, First: Harshit, Last: Gupta
C:\>
```