**Assignment 3**

**A Java program that uses JDBC (Java Database Connectivity) to connect to a database and perform some operations**

**Here is the program:**

Import java.sql.\*;

Public class JdbcExample {

Public static void main(String[] args) {

// Connection parameters

String url = “jdbc:mysql://localhost:3306/mydatabase”;

**//can also take oracle as a database over here**

String username = “root”;

String password = “password”;

// Database connection

Connection connection = null;

Statement statement = null;

ResultSet resultSet = null;

Try {

// Establish the connection

Connection = DriverManager.getConnection(url, username, password);

// Create a statement

Statement = connection.createStatement();

String query = “SELECT \* FROM employees”;

resultSet = statement.executeQuery(query);

While (resultSet.next()) {

Int id = resultSet.getInt(“id”);

String name = resultSet.getString(“name”);

String email = resultSet.getString(“email”);

System.out.println(“ID: “ + id + “, Name: “ + name + “, Email: “ + email);

}

} catch (SQLException e) {

e.printStackTrace();

} finally {

// Close the resources

Try {

If (resultSet != null) resultSet.close();

If (statement != null) statement.close();

If (connection != null) connection.close();

} catch (SQLException e) {

e.printStackTrace();

}

}

}

}