STEPS -

CREATE DATABASE sampledb;

USE sampledb;

CREATE TABLE users (

id INT AUTO\_INCREMENT PRIMARY KEY,

username VARCHAR(50),

email VARCHAR(100)

);

PROGRAM –

import java.sql.\*;

import java.util.Scanner;

public class InsertRecord {

public static void main(String[] args) {

// JDBC URL, username, and password

String url = "jdbc:mysql://localhost:3306/sampledb"; // Change database URL and name if necessary

String user = "root"; // Your database username

String password = "password"; // Your database password

// Connection object

Connection connection = null;

PreparedStatement preparedStatement = null;

// Input from user

Scanner scanner = new Scanner(System.in);

try {

// Establish a connection to the database

connection = DriverManager.getConnection(url, user, password);

System.out.println("Connected to the database successfully!");

// Prepare the SQL INSERT statement using PreparedStatement

String sql = "INSERT INTO users (username, email) VALUES (?, ?)";

preparedStatement = connection.prepareStatement(sql);

// Get input values from the user

System.out.print("Enter username: ");

String username = scanner.nextLine();

System.out.print("Enter email: ");

String email = scanner.nextLine();

// Set the values in the PreparedStatement

preparedStatement.setString(1, username); // Set first parameter (username)

preparedStatement.setString(2, email); // Set second parameter (email)

// Execute the insert operation

int rowsAffected = preparedStatement.executeUpdate();

if (rowsAffected > 0) {

System.out.println("Record inserted successfully!");

} else {

System.out.println("Failed to insert record.");

}

} catch (SQLException e) {

// Handle SQL exceptions

e.printStackTrace();

} finally {

try {

if (preparedStatement != null) {

preparedStatement.close();

}

if (connection != null) {

connection.close();

}

scanner.close();

} catch (SQLException e) {

e.printStackTrace();

}

}

}

}