**MOUNIB youssef tp4 j22**

**Index.jsp**

**A screen shot of a computer

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Accueil.jsp

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Remove contact.jsp

A screen shot of a computer program

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Add contact jsp

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ControllerServlet

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Contact.java

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Contactfacade.java

package org.example.tp4\_gestion\_contact;  
  
import java.sql.\*;  
import java.util.ArrayList;  
import java.util.List;  
  
public class ContactFacade {  
  
 private Connection getConnection() throws SQLException {  
 return DriverManager.*getConnection*("jdbc:mysql://localhost:3306/TP4\_J2EE", "root", "root");  
 }  
  
 public List<Contact> findAll() {  
 List<Contact> contacts = new ArrayList<>();  
 try (Connection con = getConnection();  
 Statement stmt = con.createStatement();  
 ResultSet rs = stmt.executeQuery("SELECT \* FROM Contact")) {  
 while (rs.next()) {  
 Contact c = new Contact();  
 c.setId(rs.getInt("ID\_CONTACT"));  
 c.setFirstName(rs.getString("FIRSTNAME"));  
 c.setLastName(rs.getString("LASTNAME"));  
 c.setEmail(rs.getString("EMAIL"));  
 c.setPhone(rs.getString("PHONE"));  
 c.setAddress(rs.getString("ADDRESS"));  
 contacts.add(c);  
 }  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 return contacts;  
 }  
  
 public void createContact(String firstName, String lastName, String email, String phone, String address) {  
 try (Connection con = getConnection();  
 PreparedStatement ps = con.prepareStatement("INSERT INTO Contact (FIRSTNAME, LASTNAME, EMAIL, PHONE, ADDRESS) VALUES (?, ?, ?, ?, ?)")) {  
 ps.setString(1, firstName);  
 ps.setString(2, lastName);  
 ps.setString(3, email);  
 ps.setString(4, phone);  
 ps.setString(5, address);  
 ps.executeUpdate();  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
  
 public void deleteContact(String id) {  
 try (Connection con = getConnection();  
 PreparedStatement ps = con.prepareStatement("DELETE FROM Contact WHERE ID\_CONTACT=?")) {  
 ps.setInt(1, Integer.*parseInt*(id));  
 ps.executeUpdate();  
 } catch (SQLException e) {  
 e.printStackTrace();  
 }  
 }  
}