package Paquete;

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

import java.sql.\*; //importar

//Los objetos pertenecen al paquete java.sql.\*

import java.sql.CallableStatement;

import java.sql.Connection;

public class Prueba2 {

public static void main(String[] args) {

System.out.println("-------- Oracle JDBC Connection Testing ------");

try {

Class.forName("oracle.jdbc.driver.OracleDriver");

} catch (ClassNotFoundException e) {

System.out.println("Where is your Oracle JDBC Driver?");

e.printStackTrace();

return;

}

System.out.println("Oracle JDBC Driver Registered!");

Connection connection = null;

try {

connection = DriverManager.getConnection(

"jdbc:oracle:thin:@localhost:1521:xe", "sys as sysdba", "Negro123");

} catch (SQLException e) {

System.out.println("Connection Failed! Check output console");

e.printStackTrace();

return;

}

if (connection != null) {

System.out.println("You made it, take control your database now!");

System.out.println("Tomaste el control de la base FELICITACIONES!");

} else {

System.out.println("Failed to make connection!");

}

try {

Statement st=connection.createStatement();

String query="select \* " +

"from persona " +

"where 1=1 " +

"and nombre=upper('valentino') ";

ResultSet rs=st.executeQuery(query);

//CONSULTA A LA BASE

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

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

System.out.println("CONSULTA A LA BASE ");

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

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

System.out.println("");

while (rs.next())

{

System.out.println("CODIGO"+" " +rs.getString(1));

System.out.println("NOMBRE"+" " +rs.getString(2));

System.out.println("APELLIDO"+" " +rs.getString(3));

System.out.println("FECHA NACIMIENTO"+" " +rs.getString(4));

System.out.println("EDDAD"+" " +rs.getString(4));

}

BufferedReader entrada = new BufferedReader(new InputStreamReader(System.in));

int id = -1;

// Llamada al procedimiento almacenado

CallableStatement cst = connection.prepareCall("{call ObtenerDatosAlumno (?,?,?,?)}");

do {

System.out.println("\nIntroduce el ID del alumno:");

try {

id = Integer.parseInt(entrada.readLine());

} catch (IOException ex) {

System.out.println("Error...");

}

// Parametro 1 del procedimiento almacenado

cst.setInt(1, id);

// Definimos los tipos de los parametros de salida del procedimiento almacenado

cst.registerOutParameter(2, java.sql.Types.VARCHAR);

cst.registerOutParameter(3, java.sql.Types.VARCHAR);

cst.registerOutParameter(4, java.sql.Types.VARCHAR);

// Ejecuta el procedimiento almacenado

cst.execute();

// Se obtienen la salida del procedimineto almacenado

String nombre = cst.getString(2);

String sexo = cst.getString(3);

String curso = cst.getString(4);

System.out.println("Nombre: " + nombre);

System.out.println("Sexo: " + sexo);

System.out.println("Curso: " + curso);

} while (id > 0);

} catch (SQLException ex) {

System.out.println("Error: " + ex.getMessage());

} finally {

try {

connection.close();

} catch (SQLException ex) {

System.out.println("Error: " + ex.getMessage());

}

}

}//Clase

}