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package javaapplication4;

import java.sql.*;
import net.sf.json.JSONArray;
import net.sf.json.JSONObject;

public class JavaApplication4 {

    public static void main(String[] args) throws
        ClassNotFoundException, SQLException {

        Connection conn = null;
        Statement stmt = null;

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

        conn = DriverManager.getConnection("jdbc:oracle:thin"
            + ":@localhost:1521:XE", "hr", "cegepgim");

        String sql = "select country_id, country_name , region_name "
            + "from regions natural join countries";

        stmt = conn.createStatement();

        ResultSet res = stmt.executeQuery(sql);

        JSONArray countriesList= new JSONArray();

        JSONObject country= new JSONObject();

        while (res.next()) {
            String id = res.getString("country_id");
            String countryName = res.getString(2);
            String regionName = res.getString(3);

            country.accumulate("COUNTRY_ID", id);

            country.accumulate("COUNTRY_NAME", countryName);

            country.accumulate("REGION_NAME", regionName);
        }
    }
}
```

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        countriesList.add(country);
        country.clear();

        System.out.println(id + " - " + countryName+
            " - " + regionName);
    }

    System.out.println(countriesList.toString());

    res.close();
    stmt.close();
    conn.close();
}
}
```