

Grupo05

Lista de exercícios

Semana 03

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```

~/Documents/UFU/bd2/JDBCTutorial
> ./comp MyQueries properties/javadb-sample-properties.xml
Set the following properties:
dbms: derby
driver: org.apache.derby.jdbc.EmbeddedDriver
dbName: testdb
userName:
serverName: localhost
portNumber: 3306
Connected to database
Lista de fornecedores com as qtds de tipos de café:
    Acme, Inc. - QTD: 2
    Professional Kitchen - QTD: 0
    Restaurant Supplies, Inc. - QTD: 0
    Superior Coffee - QTD: 2
    The High Ground - QTD: 1
Releasing all open resources ...

```

```

public MyQueries(Connection connArg, JDBCUtilities settingsArg) {
    this.con = connArg;
    this.settings = settingsArg;
}

```

```

public static void getMyData(Connection con) throws SQLException {
    Statement stmt = null;
    String query =
        "(SELECT S.SUP_NAME, COUNT(C.COF_NAME) " +
        "FROM COFFEES AS C NATURAL INNER JOIN SUPPLIERS AS S " +
        "WHERE C.SUP_ID = S.SUP_ID " +
        "GROUP BY S.SUP_NAME)" +
        "UNION " +
        "(SELECT S.SUP_NAME, SUM(0) " +
        "FROM SUPPLIERS AS S LEFT JOIN COFFEES AS C " +
        "ON S.SUP_ID = C.SUP_ID " +
        "WHERE C.COF_NAME IS NULL " +
        "GROUP BY S.SUP_NAME)";
}

```

```

try {

```

```
        stmt = con.createStatement();
        ResultSet rs = stmt.executeQuery(query);
        System.out.println("Lista de fornecedores com as qtds de tipos de
café: ");
        while (rs.next()) {
            String coffeeName = rs.getString(1);
            String qtd_coffees = rs.getString(2);
            System.out.println("      " + coffeeName + " - QTD: " +
qtd_coffees);
        }
    } catch (SQLException e) {
        JDBCUtilities.printStackTrace(e);
    } finally {
        if (stmt != null) { stmt.close(); }
    }
}
```