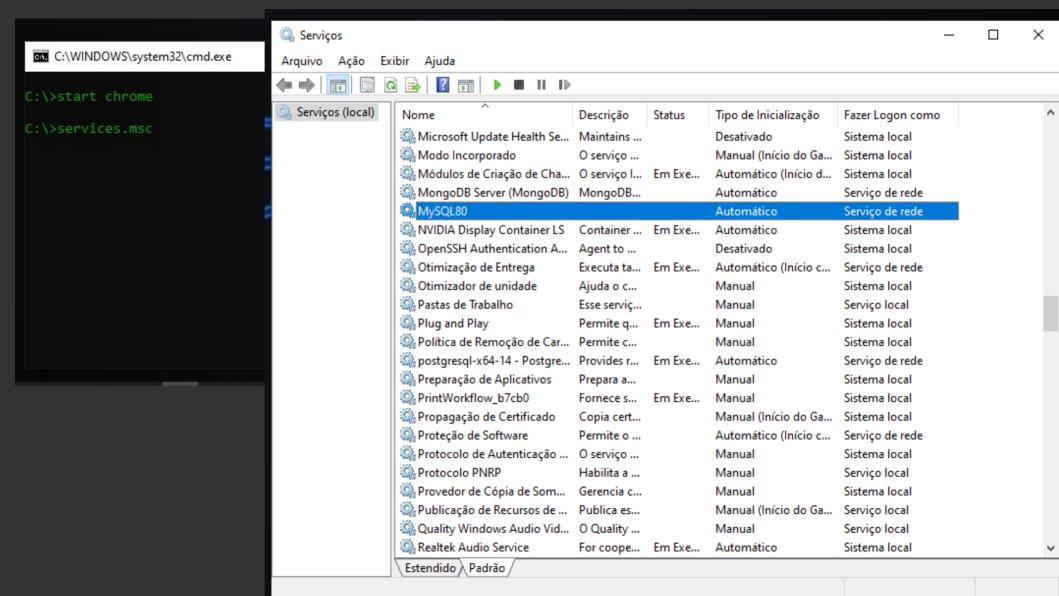
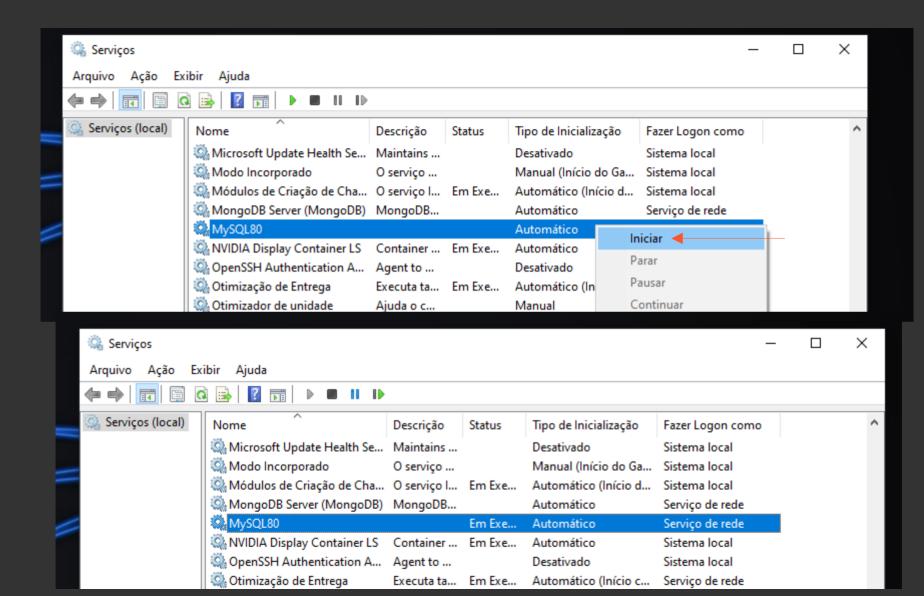
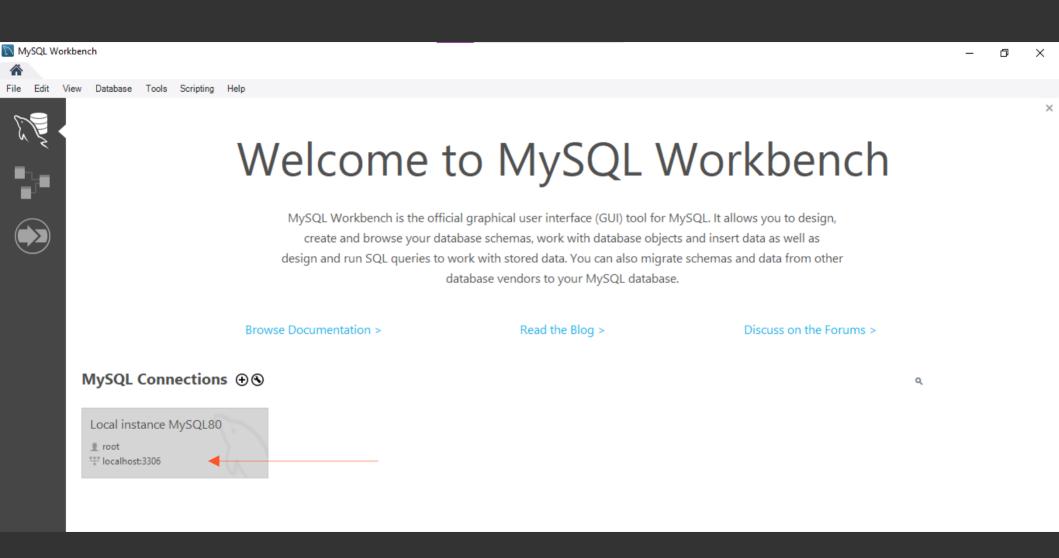
MODEL CONEXÃO AO BANCO DE DADOS

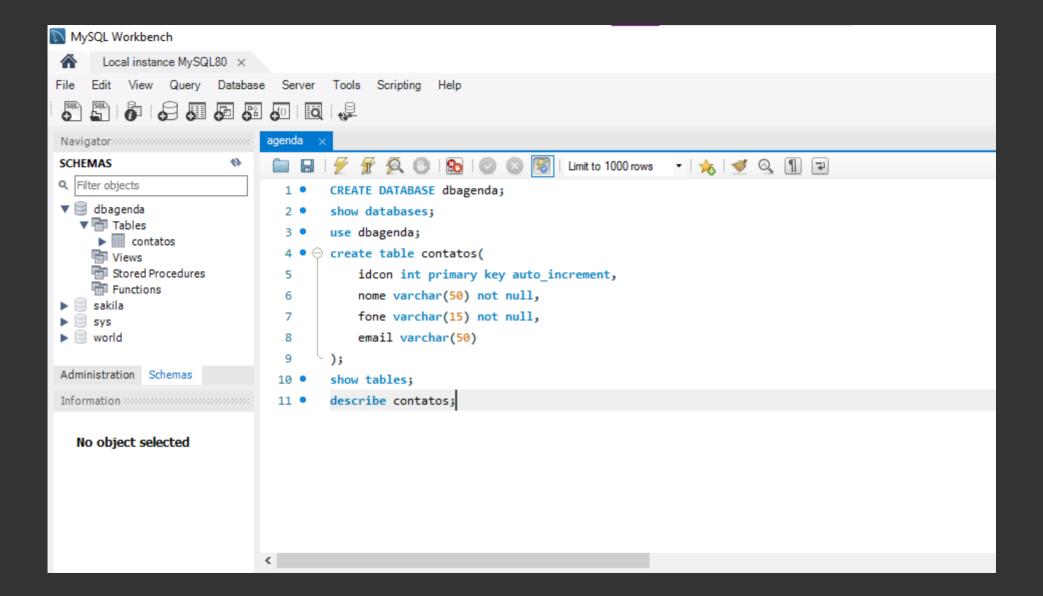
JDBC

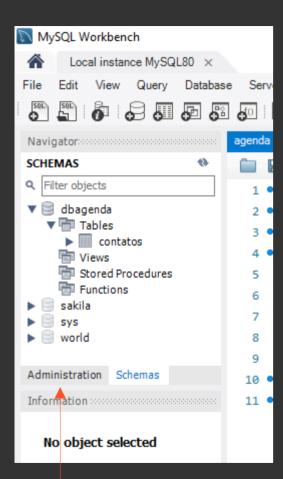


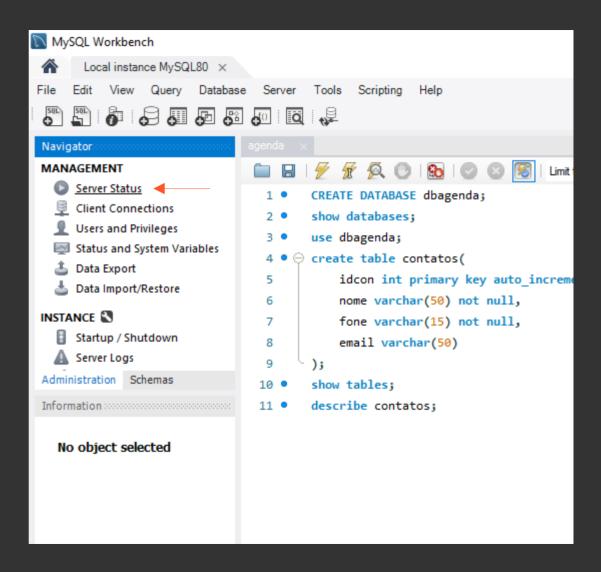


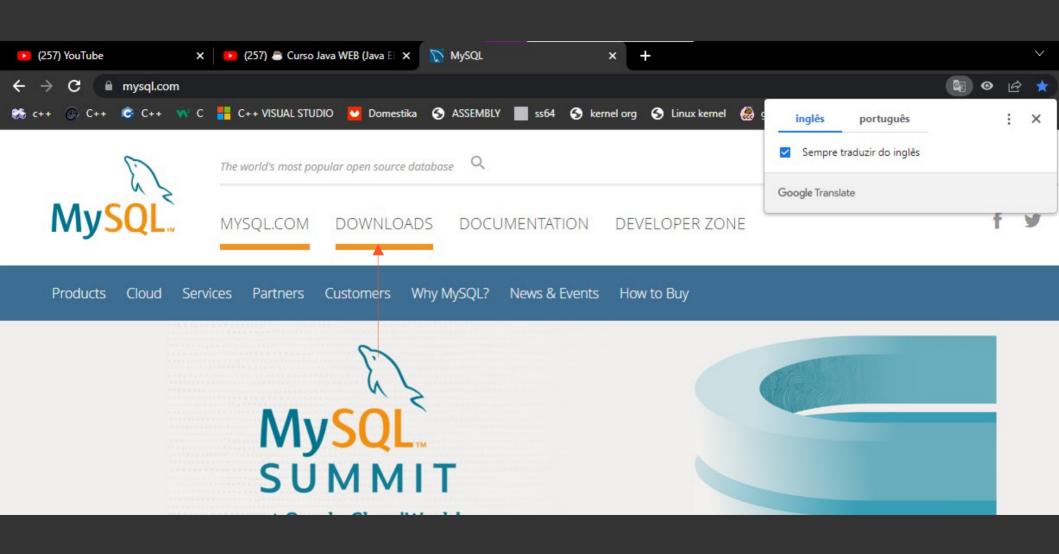


me to MysQL Work kbench is the ws you Connect to MySQL Server browse yo data as Please enter password for the n SQL queri ind data following service: Service: Mysql@localhost:3306 User: root Workbench ******** Password: Discuss on > Save password in vault OK Cancel







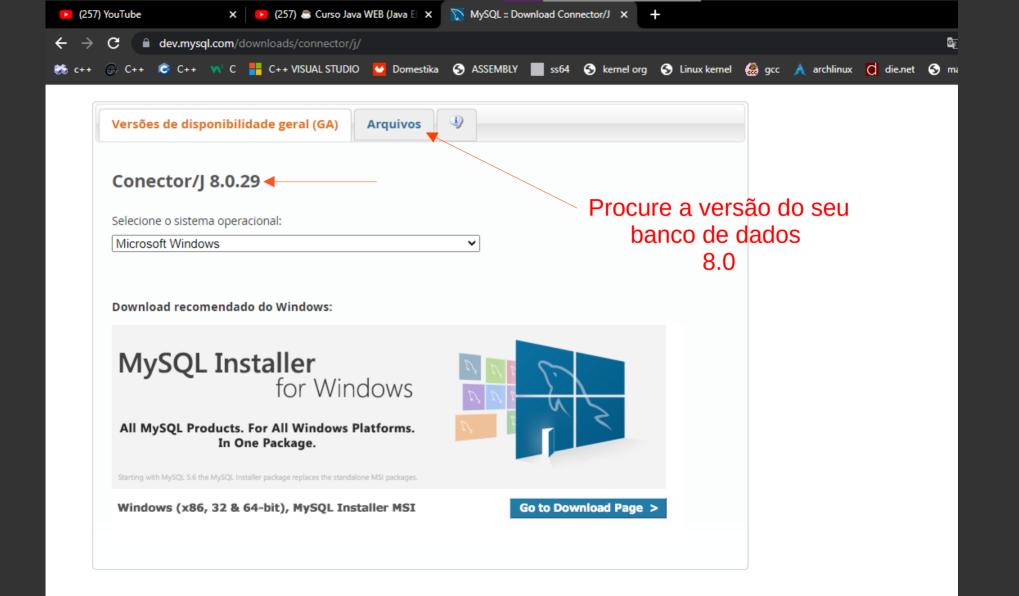


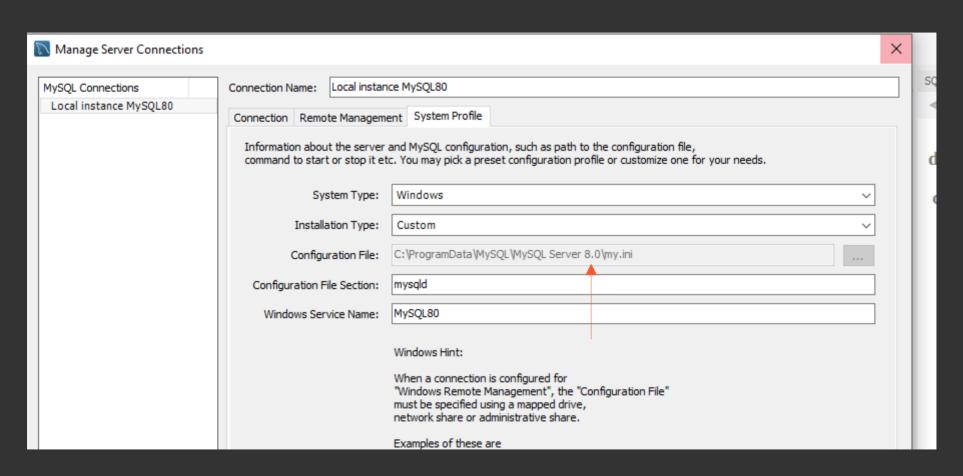


Downloads da comunidade MySQL

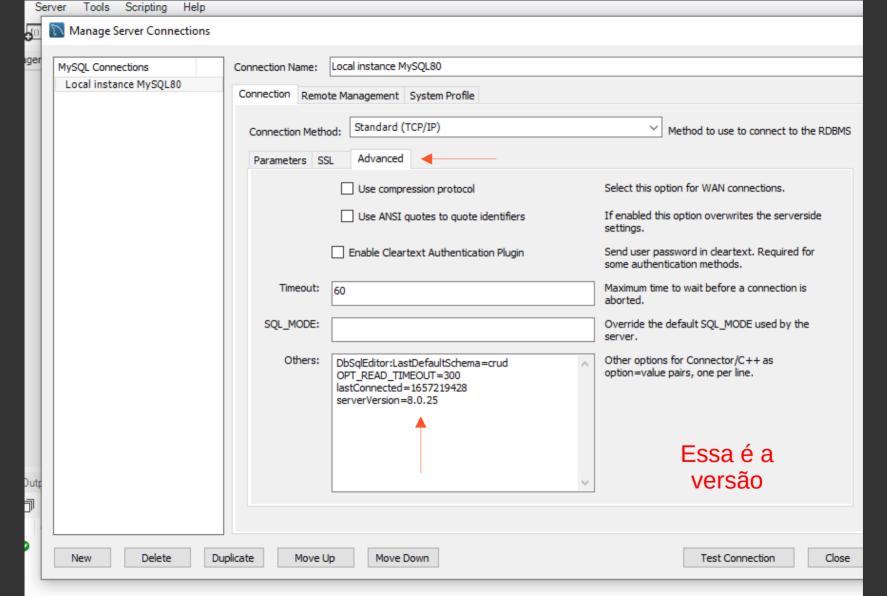
- Repositório MySQL Yum
- Repositório MySQL APT
- Repositório MySQL SUSE
- Servidor de comunidade MySQL
- Conjunto MySQL
- Roteador MySQL
- Shell MySQL
- Operador MySQL
- MySQL Workbench
- Instalador do MySQL para Windows
- MySQL para Visual Studio

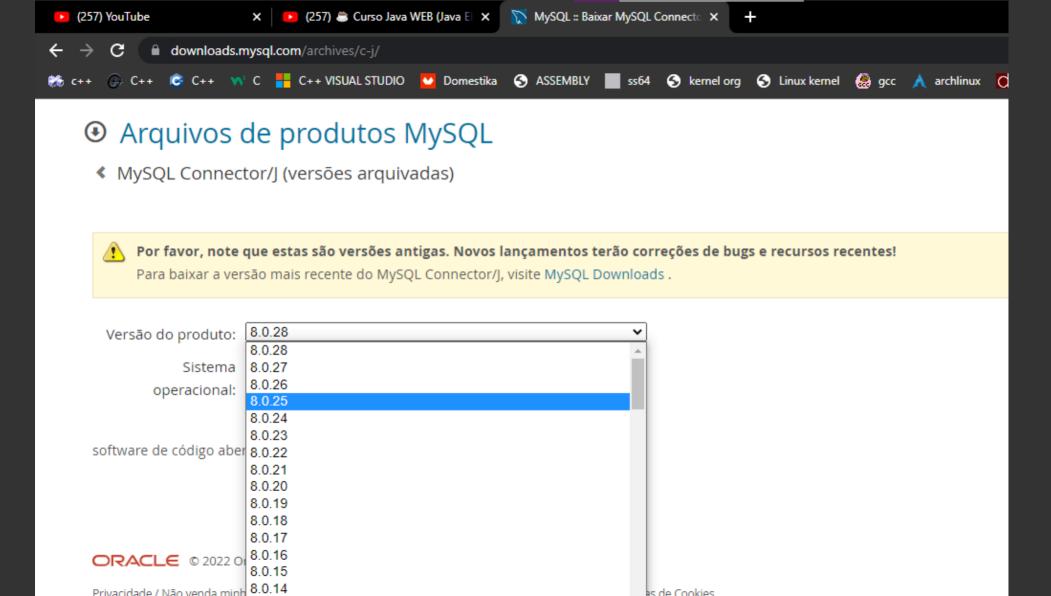
- API C (libmysqlclient)
- · Conector/C++
- Conector/J
- Conector/NET
- · Conector/Node.js
- Conector/ODBC
- Conector/Python
- Driver nativo MySQL para PHP
- · Ferramenta de referência do MySQL
- · Tabelas de descrição de fuso horário
- Baixar arquivos

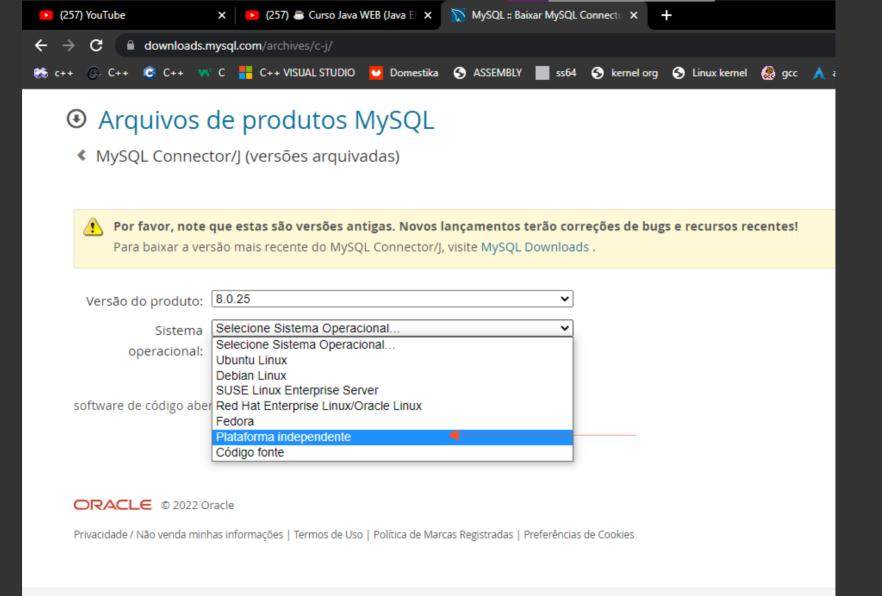


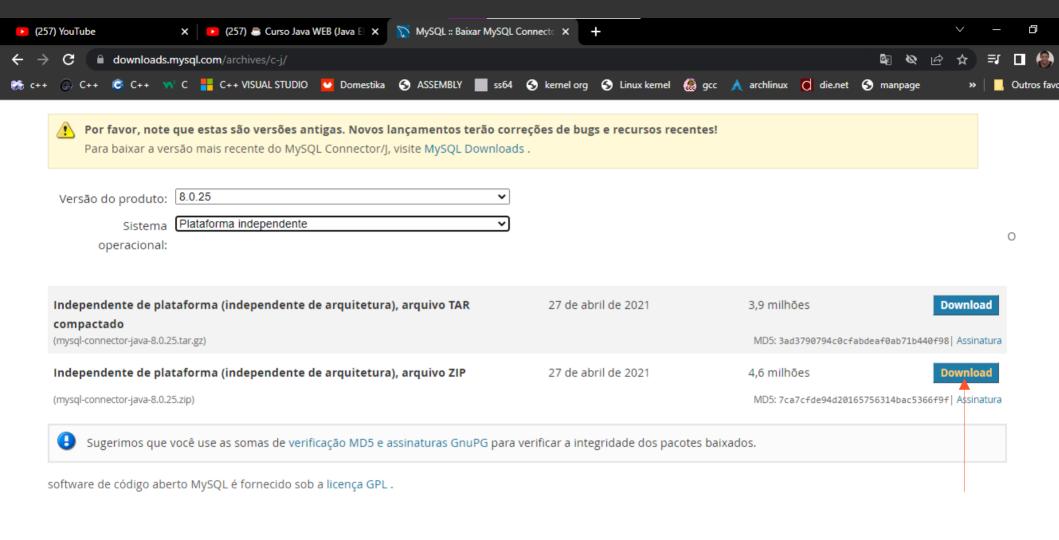


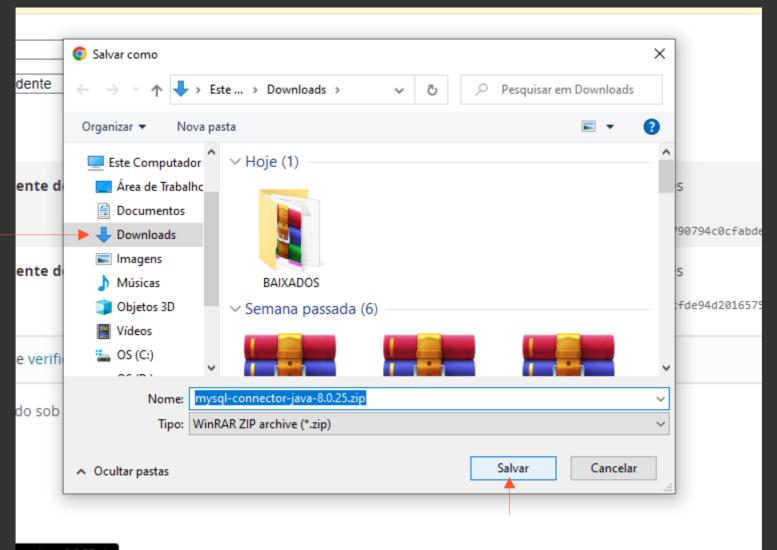
Ache a versão do seu banco de dados 8.0

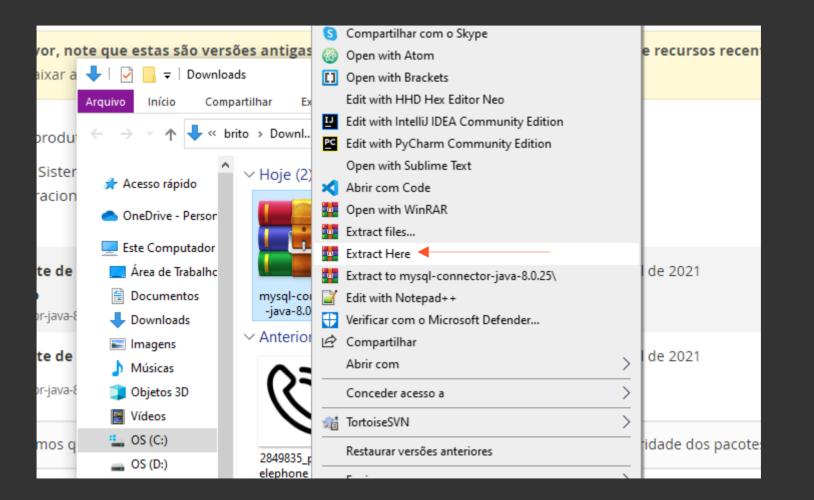


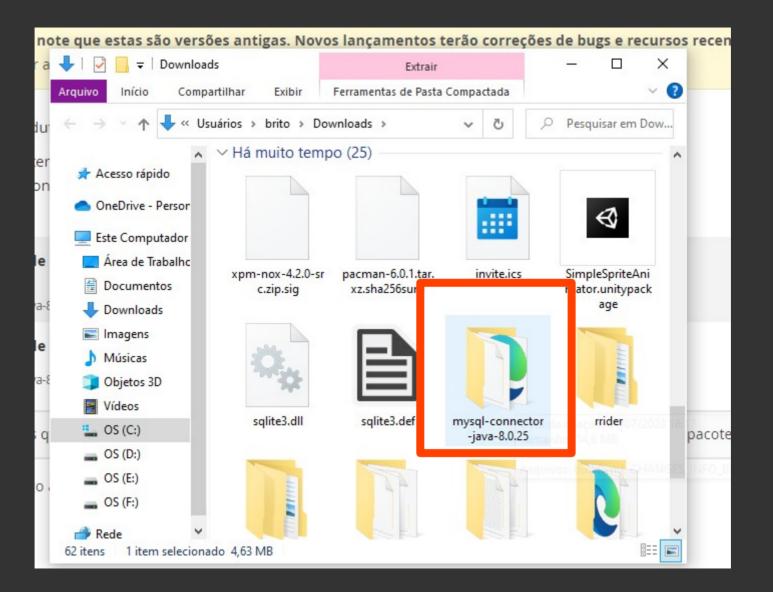


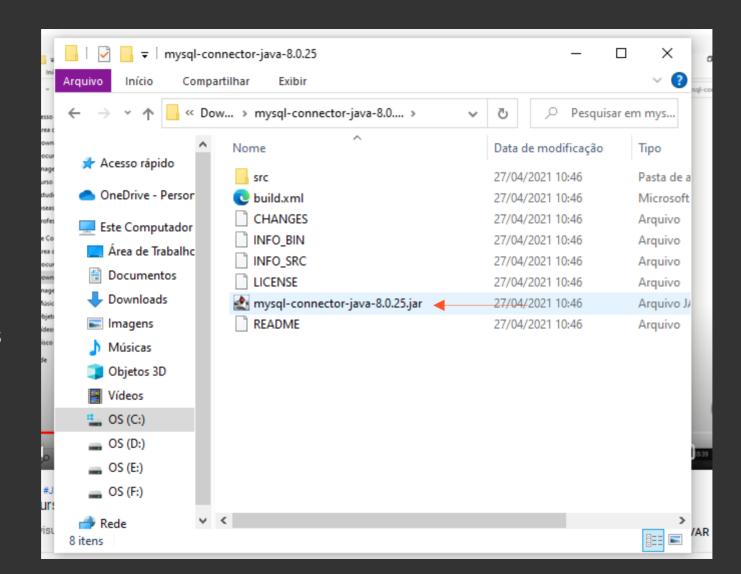




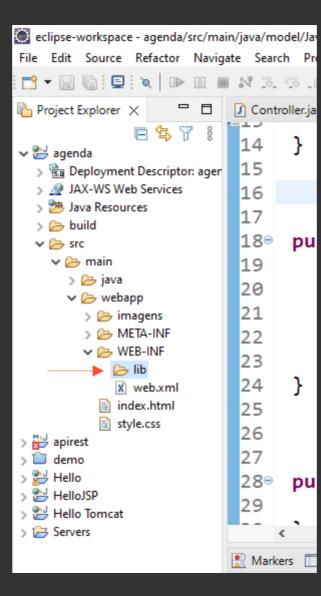


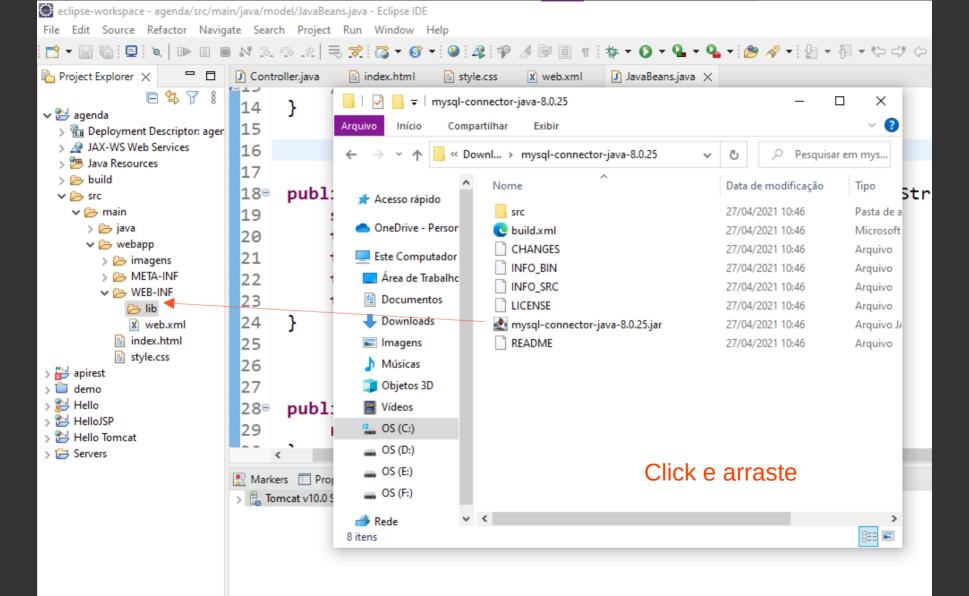


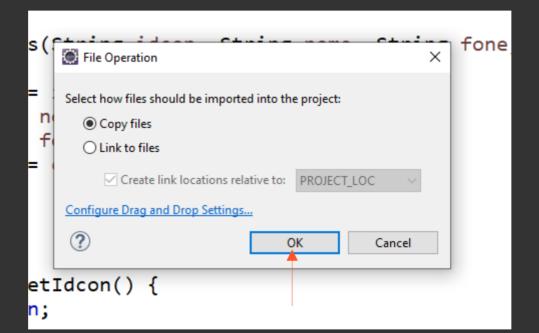


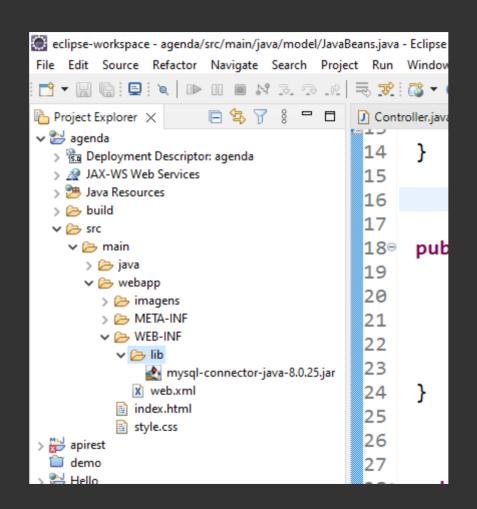


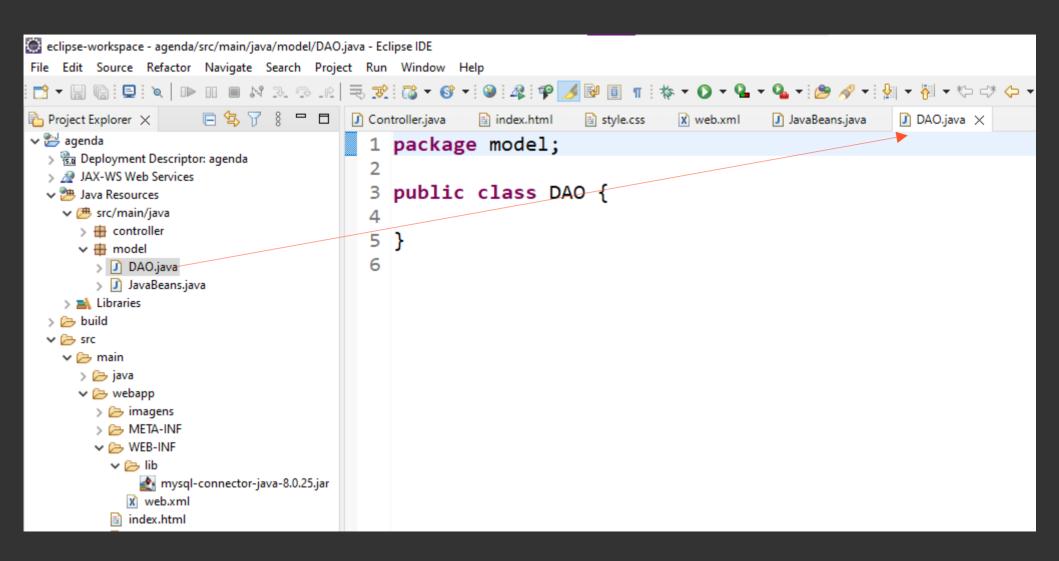
Devemos copiar esse driver Para o eclipse Dentro dessa pasta que devemos copiar o driver do banco de dados











```
🧱 eclipse-workspace - agenda/src/main/java/model/DAO.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
                   ▼ O ▼ Q ▼ Q ▼ B Ø Ø ▼ B ▼ W ♥ ♥ ♥ ♥ ▼ ♥ ▼
                                                                                                                            _ _
Project Explorer X
                      Controller.java
                                                                                  index.html
                                                style.css
                                                          x web.xml
                                                                    JavaBeans.java
           1 package model:
🗸 📂 agenda
  > % Deployment Descriptor: ac
                          public class DAO {
  > AP JAX-WS Web Services
 // modulo de conexão
   // parametros de conexão
     > # controller
                                private String driver = "com.mysql.cj.jdbc.Driver";

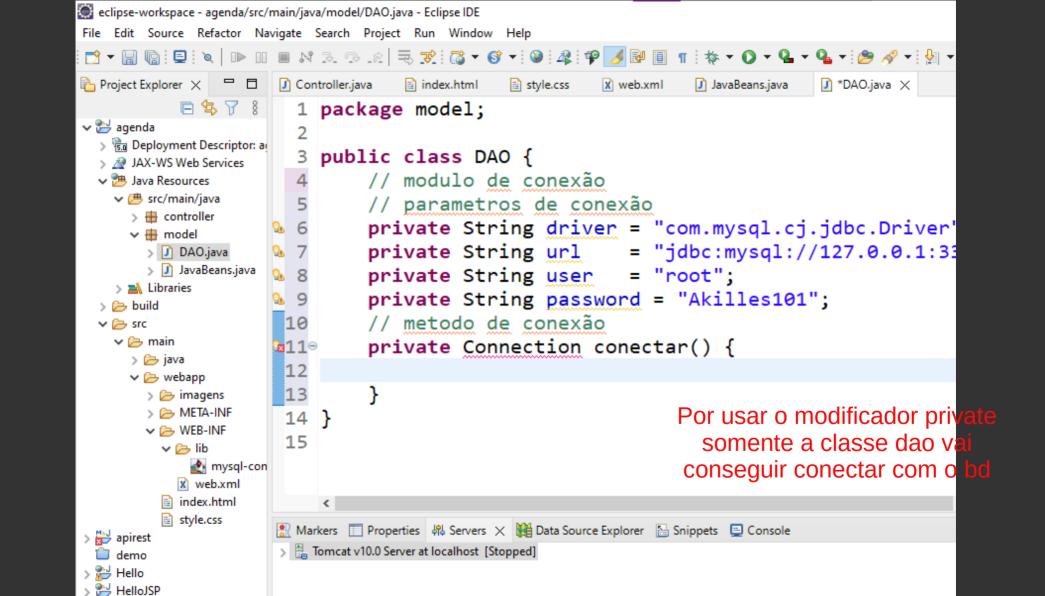
✓ 

    model

                                private String url
                                                             = "jdbc:mysql://127.0.0.1:3306/dbagenda?useTimezc
       > J DAO.java
       JavaBeans.java
                                   metodo de conexão
    > M Libraries
  > 🇁 build
                       10 }
  🗸 🗁 src
   v 🇁 main
                      11
     🗦 🗁 java
     > 🗁 imagens
       > 🇀 META-INF

✓ ➢ WEB-INF

         🗸 🗁 lib
            mysgl-con
          x web.xml
         index.html
         style.css
                                                                                                                               □ 🌣 🕡
                      Markers 🔲 Properties 👭 Servers 🗙 🕍 Data Source Explorer 🔓 Snippets 😑 Console
> 👑 apirest
                      Tomcat v10.0 Server at localhost [Stopped]
 a demo
```



Tecle ctrl + shift + o para importar a classe

```
eclipse-workspace - agenda/src/main/java/model/DAO.java - Eclipse IDE
 File Edit Source Refactor Navigate Search Project Run Window Help

    □ → □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □ □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    □
    <t
Controller.java
                                                                                                                                                  index.html
                                                                                                                                                                                             style.css
                                                                                                                                                                                                                                                                                      JavaBeans.java
                                                                                                                                                                                                                                          x web.xml
                                                                                                                                                                                                                                                                                                                                               J) *DA
                                                                                                 1 package model;
                                             v 👺 agenda
         > 📆 Deployment Descriptor: a
                                                                                                            import java.sql.Connection;
         > AP JAX-WS Web Services
        5 public class DAO {
                > H controller
                                                                                                                                  // modulo de conexão

✓ 

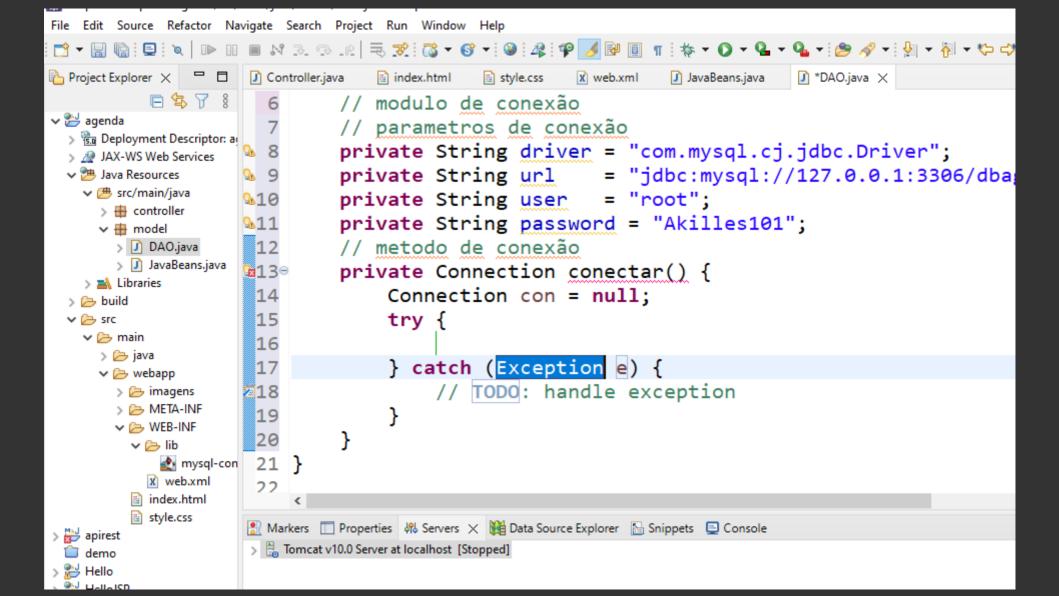
model

                                                                                                                                  // parametros de conexão
                             > DAO.java
                                                                                                                                  private String driver = "com.mysql.cj.jdb
                             JavaBeans.java
                > Maries
                                                                                                                                  private String url = "jdbc:mysql://127
         > 🗁 build
                                                                                        %10
                                                                                                                                  private String user = "root";
         private String password = "Akilles101";
                                                                                        %11
                v 🗁 main
                       > 🗁 java
                                                                                             12
                                                                                                                                                  metodo de conexão
                       private Connection conectar() {
                                                                                        13⊖
                             > 🗁 imagens
                                                                                             14
                             > 🍃 META-INF

✓ E

WEB-INF

W
                                                                                             15
                                    🗸 🗁 lib
                                                                                             16 }
                                                  mysql-con
```



```
🥘 eclipse-workspace - agenda/src/main/java/model/DAO.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
 Controller.java
                                                                                                                                                                                                                         index.html
                                                                                                                             style.css
                                                                                                                                                         x web.xml
                                                                                                                                                                                    JavaBeans.java
                            同 $ 7 8
                                                                                    // modulo de conexão
🗸 👺 agenda
                                                                                              parametros de conexão
     > % Deployment Descriptor: ac
                                                                                    private String driver = "com.mysql.cj.jdbc.Driver";
      > A JAX-WS Web Services
                                                            10
                                                                                    private String url = "jdbc:mysql://127.0.0.1:3306/dbagenda?use
     private String user = "root";
                   controller
                                                                                    private String password = "Akilles101";

✓ 

 model

                                                           13
                                                                                              metodo de conexão
                    > DAO.java
                    > J JavaBeans.java
                                                                                    private Connection conectar() {
                                                         14⊖
          > M Libraries
                                                                                                  Connection con = null;
                                                            15
      > 🗁 build
                                                            16

✓ Image: Value of the second of the sec
                                                                                                  trv {
          v 🇁 main
                                                                                                                Class.forName(driver);
               > 🗁 java
                                                            18
                                                                                                                con = DriverManager.getConnection(url, user, password);
               webapp
                                                                                                                return con;
                                                            19
                   > 📂 imagens
                   > 🌦 META-INF
                                                            20
                                                                                                   } catch (Exception e) {

✓ MEB-INF

                                                           21
                                                                                                                // TODO: handle exception
                       🗸 🗁 lib
                                                           22
                                 mysgl-con
                            x web.xml
                                                            23
                        index.html
                        style.css
                                                          📳 Markers 📋 Properties 🔲 Servers 🗶 🕍 Data Source Explorer 🚡 Snippets 📮 Console
  > 👑 apirest
                                                          > Tomcat v10.0 Server at localhost [Stopped]
         demo
  > 🎥 Hello
    HelloJSP
```

```
eclipse-workspace - agenda/src/main/java/model/DAO.java - Eclipse IDE
 File Edit Source Refactor Navigate Search Project Run Window Help
                   Project Explorer X
                                                             Controller.java
                                                                                                                                   style.css
                                                                                                                                                                x web.xml

    ↑ *DAO.iava ×
                                                                                                    index.html
                                                                                                                                                                                             10
                                                                                        private String url
                                                                                                                                                                       = "jdbc:mysql://127.0.0.1:3306/dbagenda?useTimezc
 🗸 🎥 agenda
                                                                                        private String user
                                                                                                                                                                       = "root";
      > % Deployment Descriptor: ac
      > A JAX-WS Web Services
                                                                                        private String password = "Akilles101";
     13
                                                                                                  metodo de conexão
          private Connection conectar() {
                                                             ⊾14⊖
               > # controller

✓ 

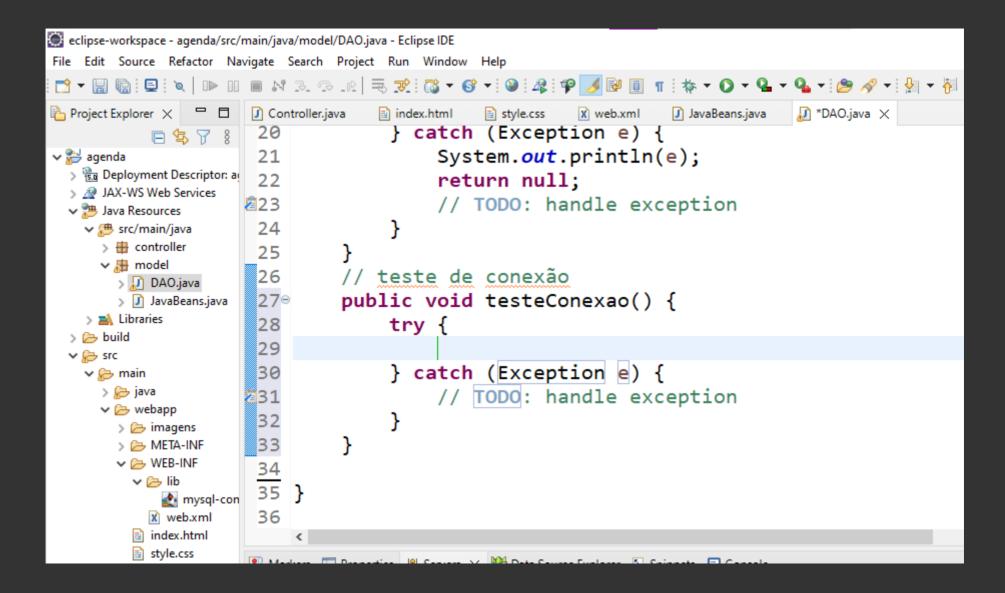
model

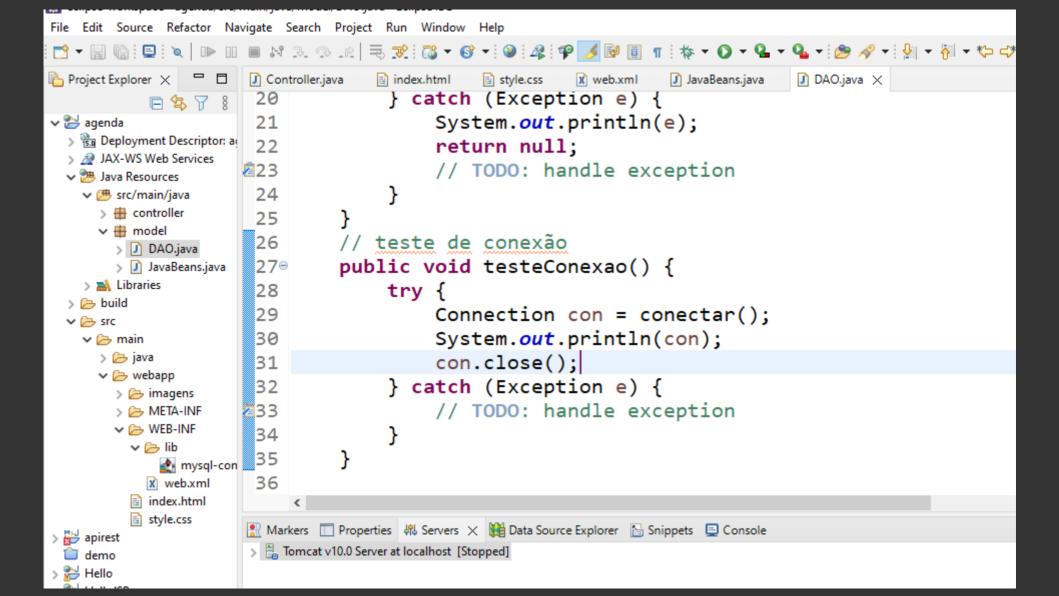
                                                               15
                                                                                                      Connection con = null:
                    > DAO.java
                                                               16
                                                                                                      trv {
                    JavaBeans.java
                                                               17
                                                                                                                     Class.forName(driver);
           > M Libraries
      > 🇁 build
                                                                                                                     con = DriverManager.getConnection(url, user, password);
                                                               18

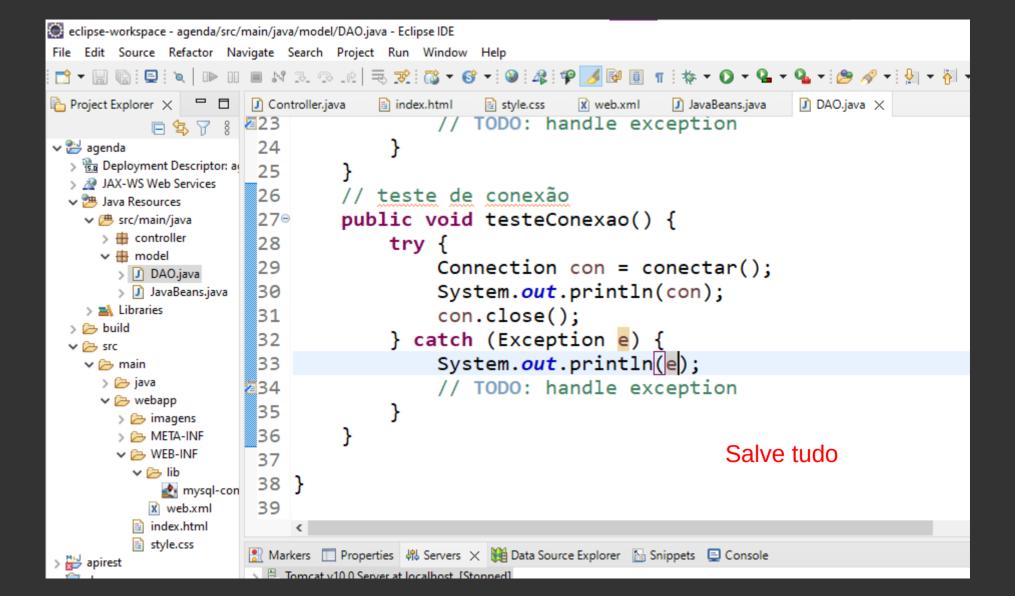
✓ Image: Value of the second of the sec
                                                               19
                                                                                                                     return con;
          v 🗁 main
                                                               20
                                                                                                       } catch (Exception e) {
               > 🇁 java

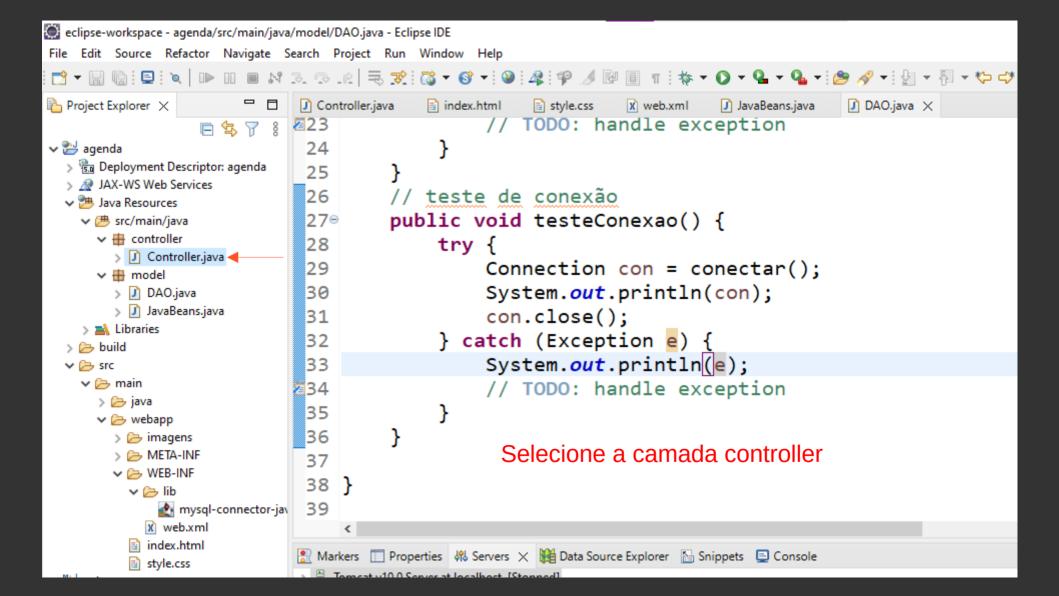
✓ I webapp

                                                                                                                     System.out.println(e);
                                                               21
                    > 🗁 imagens
                                                               22
                                                                                                                     return null;
                    > 🌦 META-INF
                                                                                                                     // TODO: handle exception
                                                             23
                    🗸 🗁 lib
                                                               24
                                  mysql-con
                                                               25
                             x web.xml
                                                                ~ ~
                        index.html
                        style.css
                                                            🦹 Markers 🔳 Properties 🚜 Servers 🗙 🟙 Data Source Explorer 📔 Snippets 💂 Console
  > 👑 apirest
                                                             > 🔓 Tomcat v10.0 Server at localhost [Stopped]
     i demo
    Hello
    👺 HelloJSP
```









```
🕮 eclipse-workspace - agenda/src/main/java/controller/Controller.java - Eclipse IDE
 File Edit Source Refactor Navigate Search Project Run Window Help
 Project Explorer X
                                                                     style.css
                                                                                                                                                               x web.xml
                                                                                                                                                                                         JavaBeans.java
                                                                                                                                                                                                                            DAO.java
                                          □ \( \frac{1}{2} \) \( \frac{1} \) \( \frac{1}{2} \) \( \frac{1}{2} \) \( \frac^
                                                                          1 package controller;
 v 👺 agenda
     > % Deployment Descriptor: agenda
                                                                           3@import jakarta.servlet.ServletException;
     JAX-WS Web Services
     4 import jakarta.servlet.annotation.WebServlet;
          5 import jakarta.servlet.http.HttpServlet;
              6 import jakarta.servlet.http.HttpServletRequest;
                  >  Controller.java
                                                                                 import jakarta.servlet.http.HttpServletResponse;
              ∨ ∰ model
                  > DAO.java
                                                                           8 import java.io.IOException;
                  > J JavaBeans.iava
          > M Libraries
                                                                       109/**
     > 🎏 build

✓ I src

                                                                                           Servlet implementation class Controller
         v 🇁 main
                                                                       12
              > 🗁 java
                                                                                 @WebServlet(urlPatterns = {"/controller", "/main"})
              > 📂 imagens
                                                                                 public class Controller extends HttpServlet {
                  > 🌦 META-INF
                                                                       15
                                                                                              private static final long serialVersionUID = 1L;

✓ MEB-INF

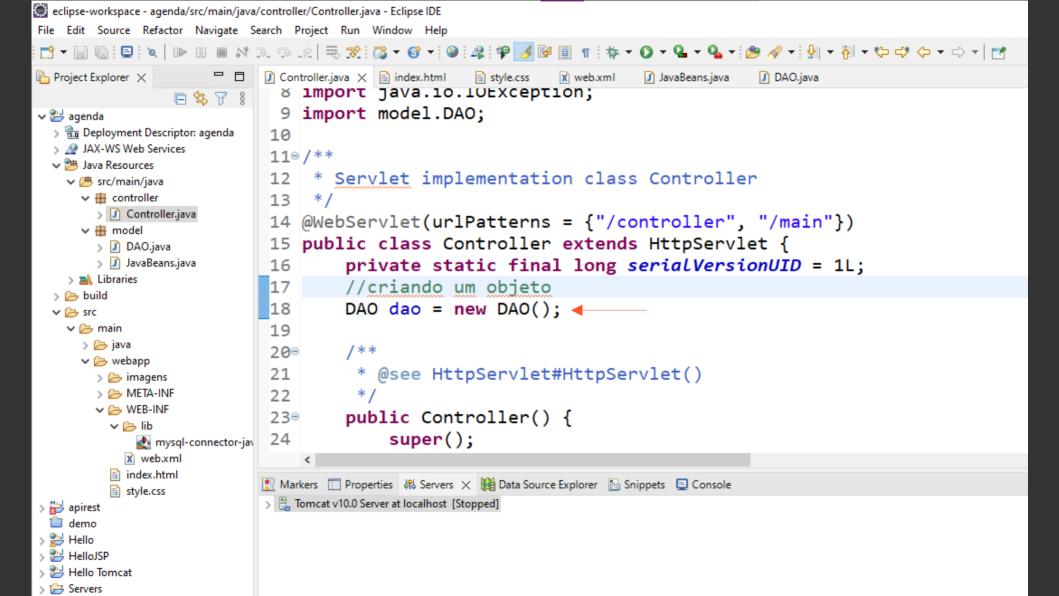
                                                                        16
                       V 🎘 lib
                               mysql-connector-jav
                                                                       17⊝
                                                                                               /**
                           x web.xml
                       index.html
                                                                     Markers 🔲 Properties 👭 Servers 🗙 🕍 Data Source Explorer 🔓 Snippets 📃 Console
                       style css
```

```
🥘 eclipse-workspace - agenda/src/main/java/controller/Controller.java - Eclipse IDE
 File Edit Source Refactor Navigate Search Project Run Window Help
 Project Explorer X
                                                                  style.css
                                                                                                                                                          x web.xml
                                                                                                                                                                                   JavaBeans.java
                                                                                                                                                                                                                    DAO.java
                                        1 package controller;
 🗸 🞥 agenda
     > % Deployment Descriptor: agenda
                                                                        30 import jakarta.servlet.ServletException;
     > A JAX-WS Web Services
                                                                             import jakarta.servlet.annotation.WebServlet;
     import jakarta.servlet.http.HttpServlet;
             import jakarta.servlet.http.HttpServletRequest;
                  Controller.java
                                                                              import jakarta.servlet.http.HttpServletResponse;
             > DAO.java
                                                                             import java.io.IOException;
                  JavaBeans.java
                                                                             import model.DAO;
          > M Libraries
                                                                    10
     build
                                                                                                                                                                                                                                           Importe a

✓ Image: Value of the state of the stat
                                                                    119 / * *
         v 🇁 main
                                                                                                                                                                                                                                        classe DAO
                                                                                 * Servlet implementation class Controller
             > 🗁 java
                                                                     13
                                                                                 */
             v 🗁 webapp
                  > 🗁 imagens
                                                                             @WebServlet(urlPatterns = {"/controller", "/main"})
                 > 🇁 META-INF
                                                                     15 public class Controller extends HttpServlet {

✓ I WEB-INF

                                                                                          private static final long serialVersionUID = 1L;
                                                                     16
                     🗸 🗁 lib
                             mysql-connector-jav
                                                                    17
                          x web.xml
                      index.html
                                                                  📳 Markers 📋 Properties 🔲 Servers 🗶 🕍 Data Source Explorer 🔓 Snippets 📮 Console
                      style.css
                                                                   > 🔚 Tomcat v10.0 Server at localhost [Stopped]
    👑 apirest
     demo
```



```
File Edit Source Refactor Navigate Search Project Run Window Help
                                                                                                                                                                                                   P | M | O | P | M | T | F | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M | P | M
🏊 Project Explorer 💢
                                                                         style.css
                                                                                                                                                                                                    JavaBeans.java
                                                                                                                                                                                                                                                                                                                                                           ... Outline
                                                                                                                                                                        x web.xml
                                                                                                                                                                                                                                         J DAO.java
                                                                                                       * @see HttpServlet#HttpServlet()
                                                                          21

□ ↓a

                                                                           22
∨ (9 C
    > % Deployment Descriptor: agenda
                                                                           23⊝
                                                                                                    public Controller() {
                                                                                                                                                                                                                                                                                                                                                                       SF
    JAX-WS Web Services
                                                                           24
                                                                                                                 super();
    25
                                                                                                                 // TODO Auto-generated constructor stub
        ∨ 

controller
                                                                           26
                  > D Controller.iava
                                                                           27

→ 

→ 

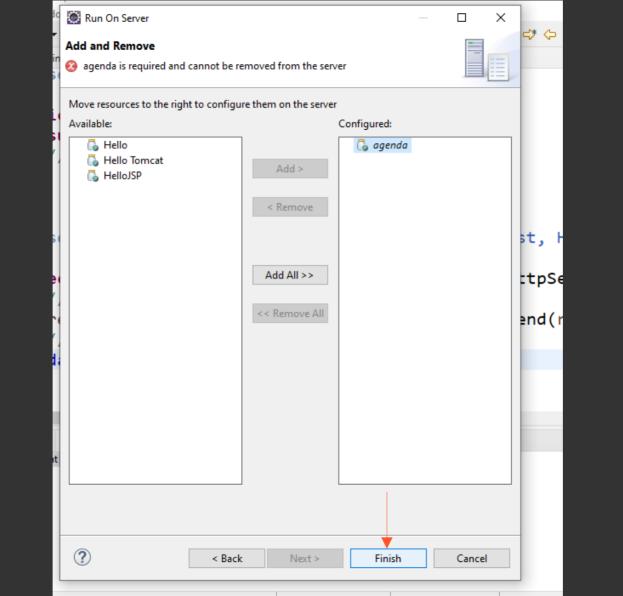
model

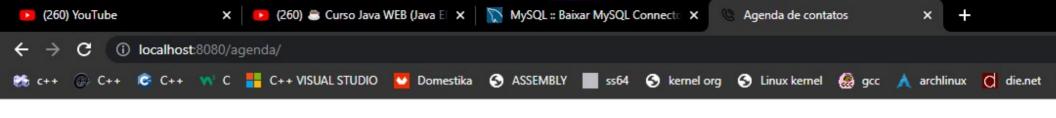
                                                                                                    /**
                                                                          28⊝
                  > DAO.java
                  > J JavaBeans.java
                                                                          29
                                                                                                            @see HttpServlet#doGet(HttpServletRequest request, HttpServletRe
         Libraries
                                                                          30
    > 🇁 build
                                                                         31⊖
                                                                                                   protected void doGet(HttpServletRequest request, HttpServletRespons
    v 🇁 main
                                                                         32
                                                                                                                 // TODO Auto-generated method stub
             > 🇁 java
                                                                          33
                                                                                                                 response.getWriter().append("Served at: ").append(request.getCo
             🗸 🗁 webapp
                                                                          34
                                                                                                                 // teste de conexão
                  > > imagens
                  > 🇀 META-INF
                                                                          35
                                                                                                                 dao.testeConexao();
                  36
                       🗸 🗁 lib
                                                                           37
                                mysql-connector-jav
                           x web.xml
                       index.html
                                                                        Markers 🔲 Properties 🚜 Servers 🗙 🏙 Data Source Explorer 📔 Snippets 📮 Console
                                                                                                                                                                                                                                                                                                                                                  🖹 🅸 🕡 🔊
                       style.css
                                                                         > 🖺 Tomcat v10.0 Server at localhost [Stopped]
> 👑 apirest
   iii demo
> 🎥 Hello
> 🎥 HelloJSP
  🗦 👺 Hello Tomcat
```



Salve tudo e execute

	Run On Server	_		×	
	Run On Server Select which server to use				<>**
•	How do you want to select the server?				
	Choose an existing server				
9	Manually define a new server				
١	Select the server that you want to use:				
1	type filter text				
	Server	State			
Ш	✓ 🍃 localhost	_		,	
П	∃ Tomcat v10.0 Server at localhost	指 Stop	pped		it,
•	Apache Tomcat v10.0 supports J2EE 1.2, 1.3, 1.4, and Java EE 5, 6, 7, 8 and Ja	karta EE 9	Co	lumns	:tp
f '	Web modules.				
[Always use this server when running this project				
	? < Back Next > Finish		Car	ncel	

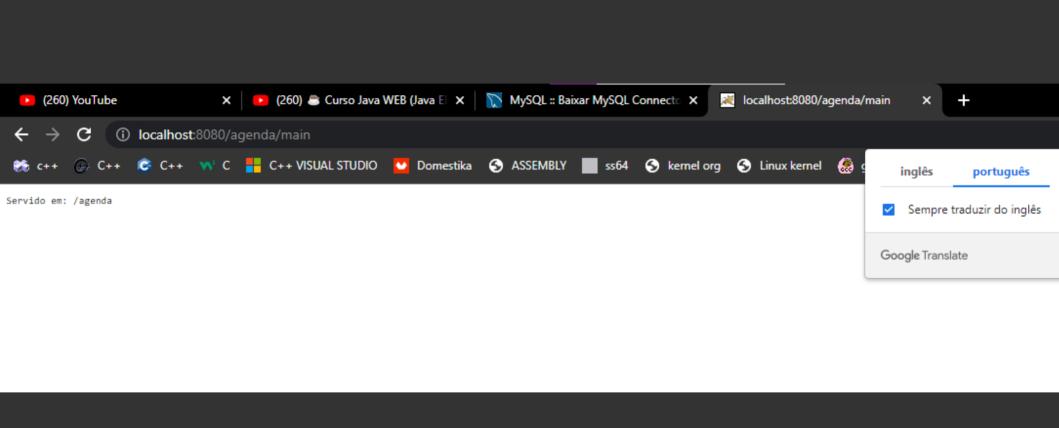






Agenda de contatos





```
👼 eclipse-workspace - agenda/src/main/java/controller/Controller.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
 The state of the 
                                                                                                                                                          style.css
                                                                                                                                                                       JavaBeans.java
Project Explorer X
                                                                                                                                               x web.xml
                                                                                                                                                                                                      DAO.iava
                                                                                        * @see HttpServlet#HttpServlet()
                                                                21
                                     同多 7 8
22
       ि 📆 Deployment Descriptor: agenda
                                                                23⊜
                                                                                     public Controller() {
    JAX-WS Web Services
                                                                24
                                                                                                 super();
    25
                                                                                                 // TODO Auto-generated constructor stub

→ 

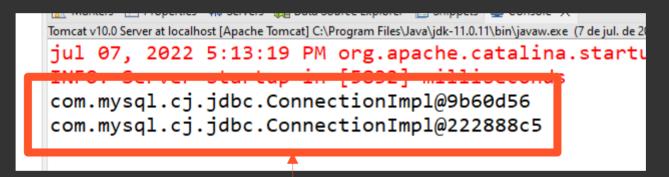
⊕ controller

                                                                26
                >  Controller.java
                                                                27

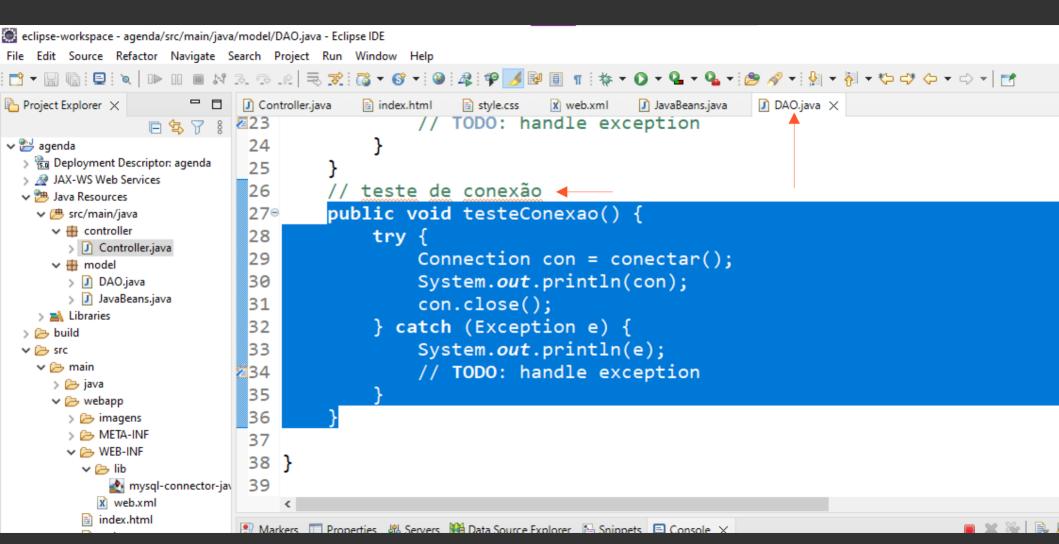
✓ 

 model

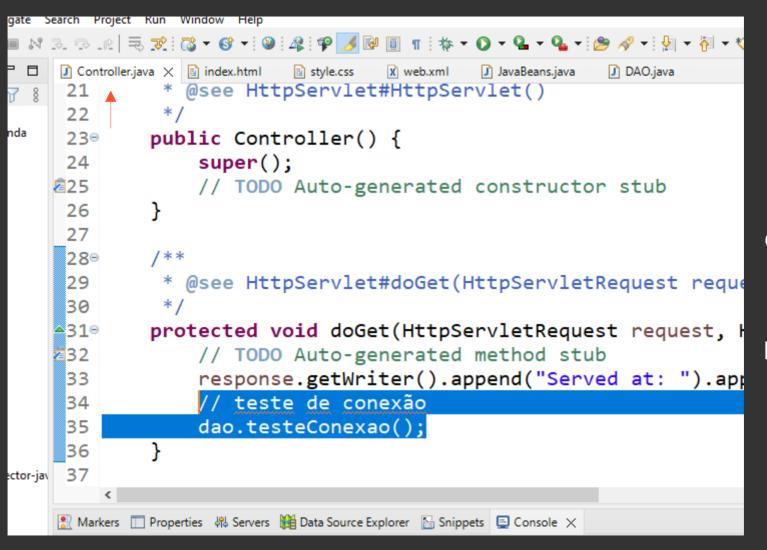
                                                                28⊜
                                                                                     /**
                > DAO.java
                > JavaBeans.java
                                                                29
                                                                                        * @see HttpServlet#doGet(HttpServletRequest request, HttpServ
        > M Libraries
                                                                30
    > 🇁 build
                                                              △31⊝
                                                                                     protected void doGet(HttpServletRequest request, HttpServletRe
    v 🇁 main
                                                             232
                                                                                                 // TODO Auto-generated method stub
            > 🗁 java
                                                                33
                                                                                                 response.getWriter().append("Served at: ").append(request.
            // teste de conexão
                                                                34
                > 🗁 imagens
                > > META-INF
                                                                35
                                                                                                 dao.testeConexao();
                36
                    v 🗁 lib
                                                                37
                           mysql-connector-jav
                        x web.xml
                    index.html
                                                              📳 Markers 🔚 Properties 🌼 Servers 💥 Data Source Explorer 📔 Snippets 📮 Console 🔀
                    style.css
                                                             Tomcat v10.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-11.0.11\bin\javaw.exe (7 de jul. de 2022 17:13:08) [pid: 3848]
   👑 apirest
                                                              jul 07, 2022 5:13:19 PM org.apache.catalina.startup.Catalina start
    demo
 > 🎥 Hello
                                                              INFO: Server startup in [5832] milliseconds
   - 🎥 HelloJSP
                                                              com.mysql.cj.jdbc.ConnectionImpl@9b60d56
 > 👺 Hello Tomcat
                                                              com.mysql.cj.jdbc.ConnectionImpl@222888c5
> B Servers
```



A string de conexão esta ai então esta tudo ok



Comente ou remova essa parte era só pra testar



Remova
ou
comente
essa
parte
era só
pra teste