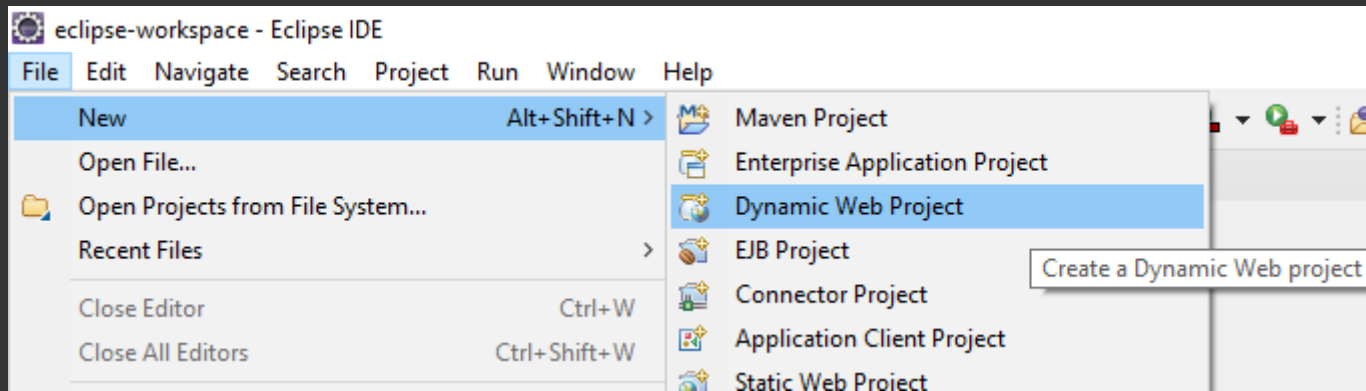


MVC



Dynamic Web Project

Create a standalone Java-based Web Application or add it to a new or existing Enterprise Application.



Project name: agenda

Project location

☒ Use default location

Location: C:\Users\britto\eclipse-workspace\agenda

Browse...

Target runtime

Apache Tomcat v10.0 (2)

New Runtime...

Dynamic web module version

5.0

Configuration

Default Configuration for Apache Tomcat v10.0 (2)

Modify...

A good starting point for working with Apache Tomcat v10.0 (2) runtime. Additional facets can later be installed to add new functionality to the project.

EAR membership

☐ Add project to an EAR

EAR project name: EAR

New Project...

Working sets

☐ Add project to working sets

New...

Working sets:

Select...



< Back

Next >

Finish

Cancel

Java

Configure project for building a Java application.

Source folders on build path:

src\main\java

Add Folder...

Edit...

Remove

Default output folder:

build\classes



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Next >

Finish

Cancel

Web Module

Configure web module settings.



Context root:

agenda

Content directory:

src/main/webapp

☒ Generate web.xml deployment descriptor

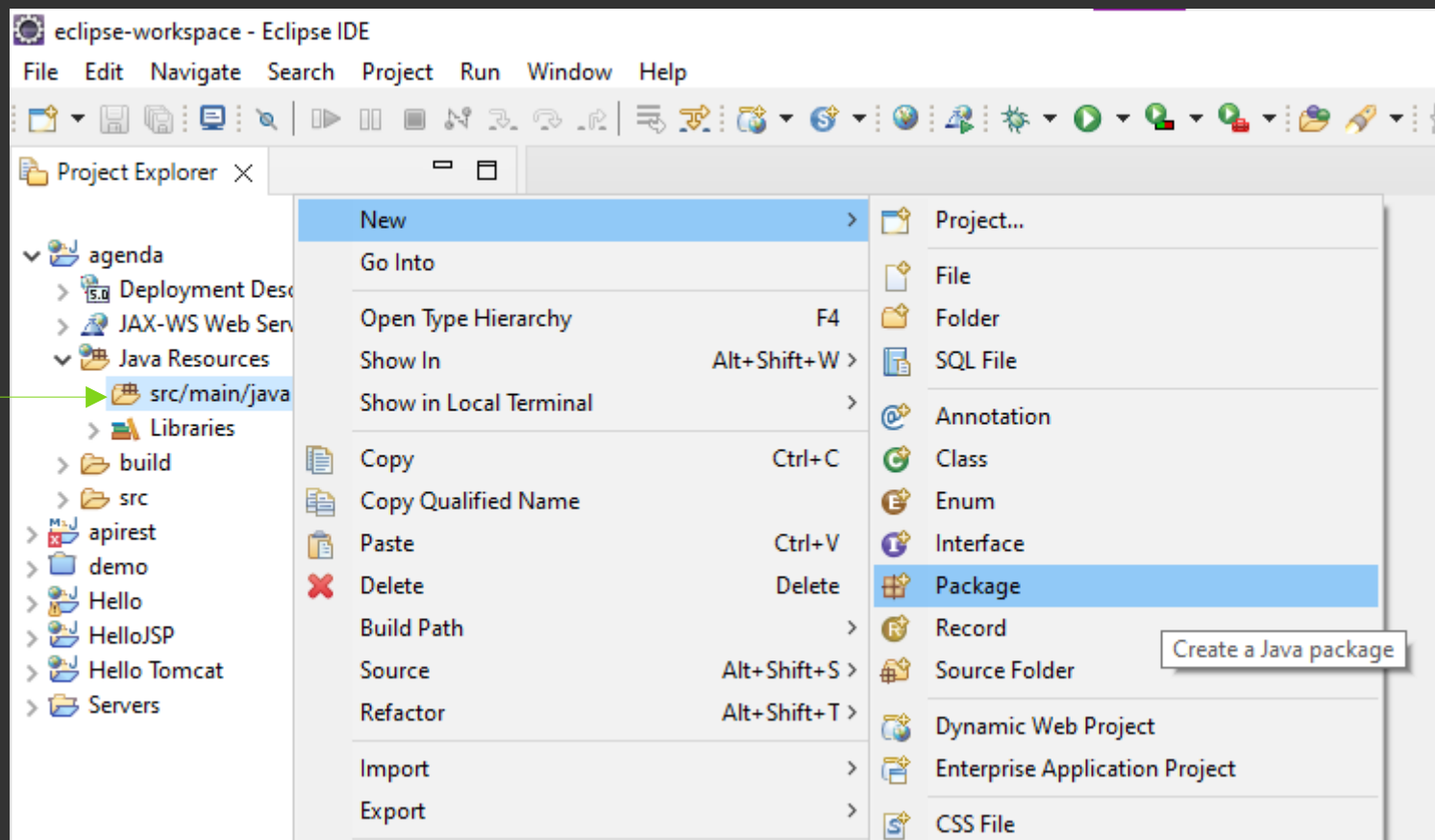
< Back

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Finish

Cancel

Click direito



New Java Package

Java Package
Create a new Java package.


Creates folders corresponding to packages.

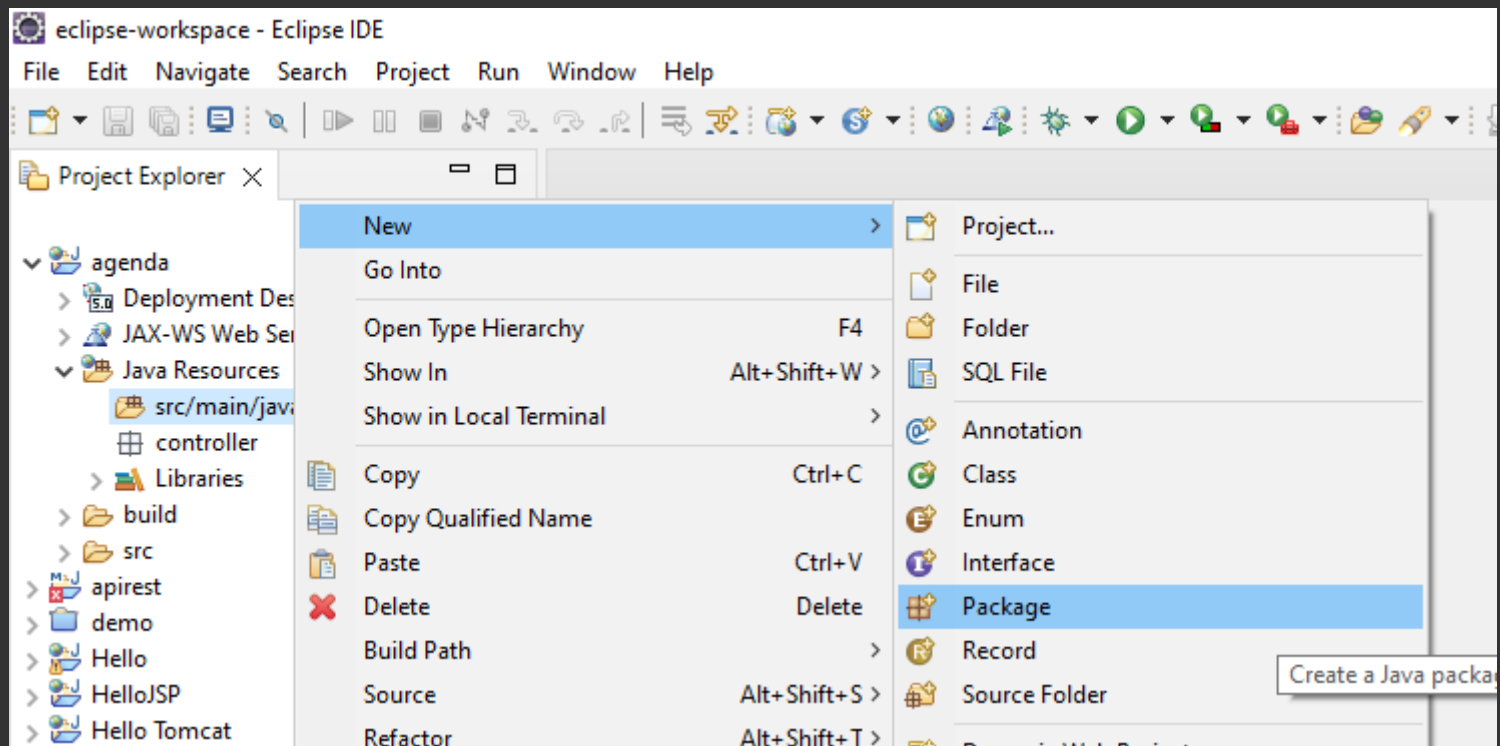
Source folder:

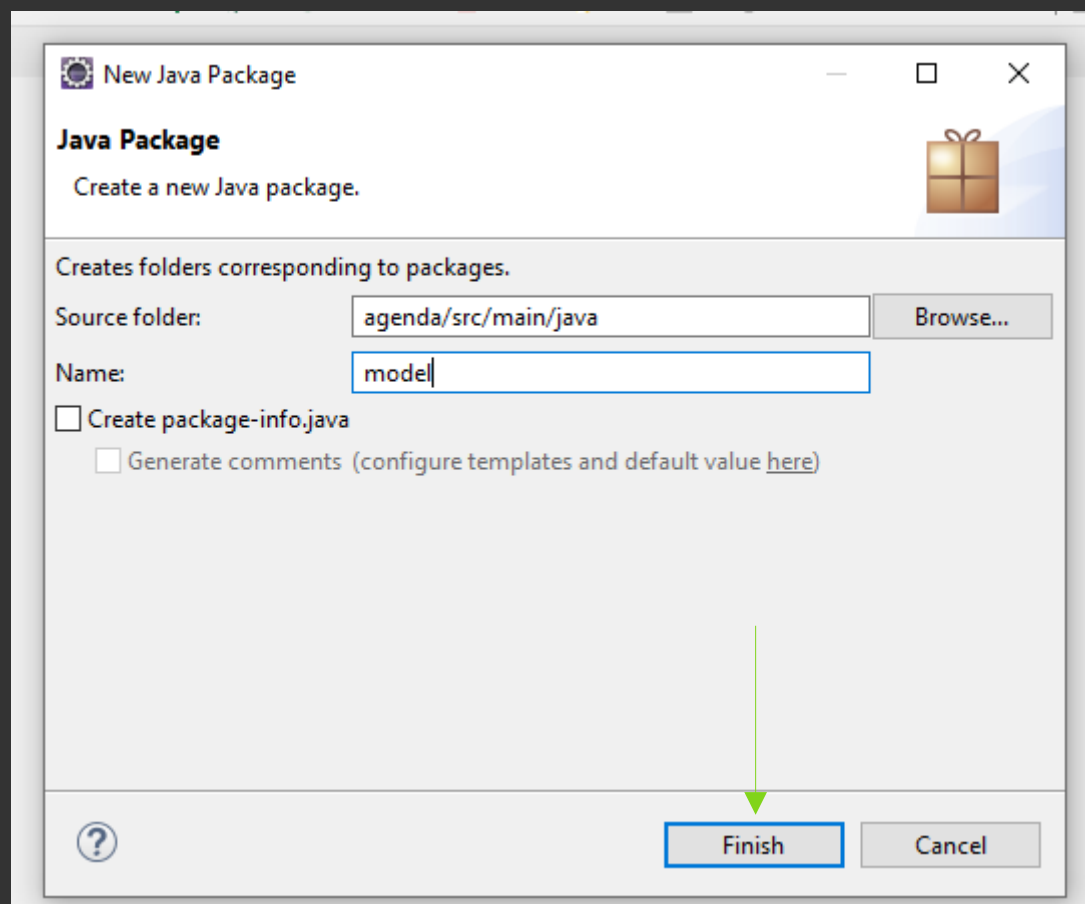
Name:

☐ Create package-info.java

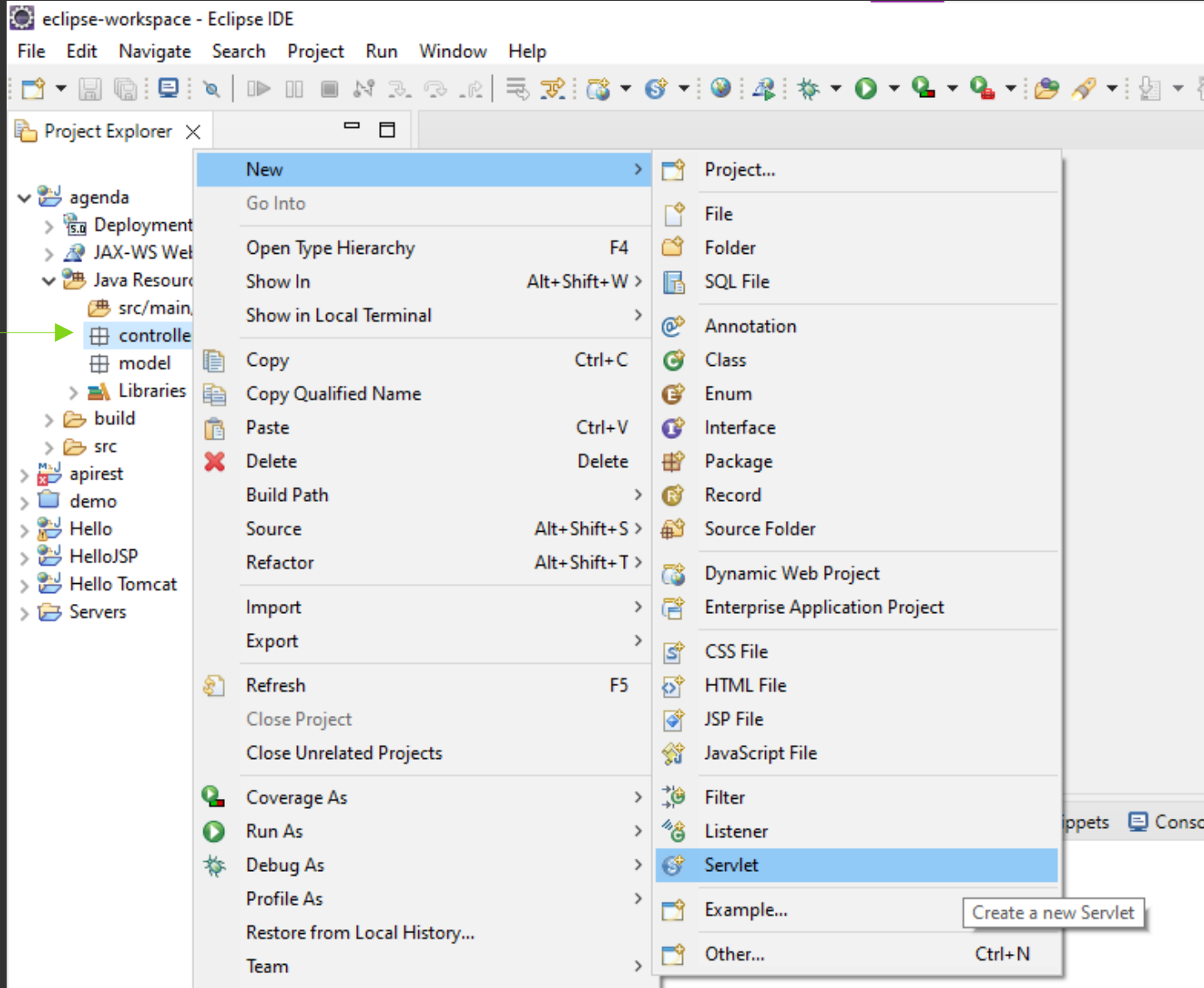
☐ Generate comments (configure templates and default value [here](#))









Criamos 2 pacotes



Click direito

 **Create Servlet** — □ ×

Create Servlet
Specify class file destination.



Project: ▾

Source folder:


Java package:

Class name: ←

Superclass:

☐ Use an existing Servlet class or JSP

Class name:



Controller



Create Servlet



Create Servlet

Enter servlet deployment descriptor specific information.



Name:

Controller

Description:

Initialization parameters:

Name	Value	Description

Add...

Edit...

Remove

URL mappings:

/Controller

Add...

Edit...

Remove

☐ Asynchronous Support



< Back

Next >

Finish

Cancel



Create Servlet



Create Servlet

Specify modifiers, interfaces to implement, and method stubs to generate.



Modifiers: ☒ public ☐ abstract ☐ final

Interfaces:

Add...

Remove

Which method stubs would you like to create?

☒ Constructors from superclass

☒ Inherited abstract methods

☐ init

☐ destroy

☐ getServletConfig

☐ getServletInfo

☐ service

☒ doGet

☐ doPost

☐ doPut

☐ doDelete

☐ doHead

☐ doOptions

☐ doTrace



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Finish

Cancel

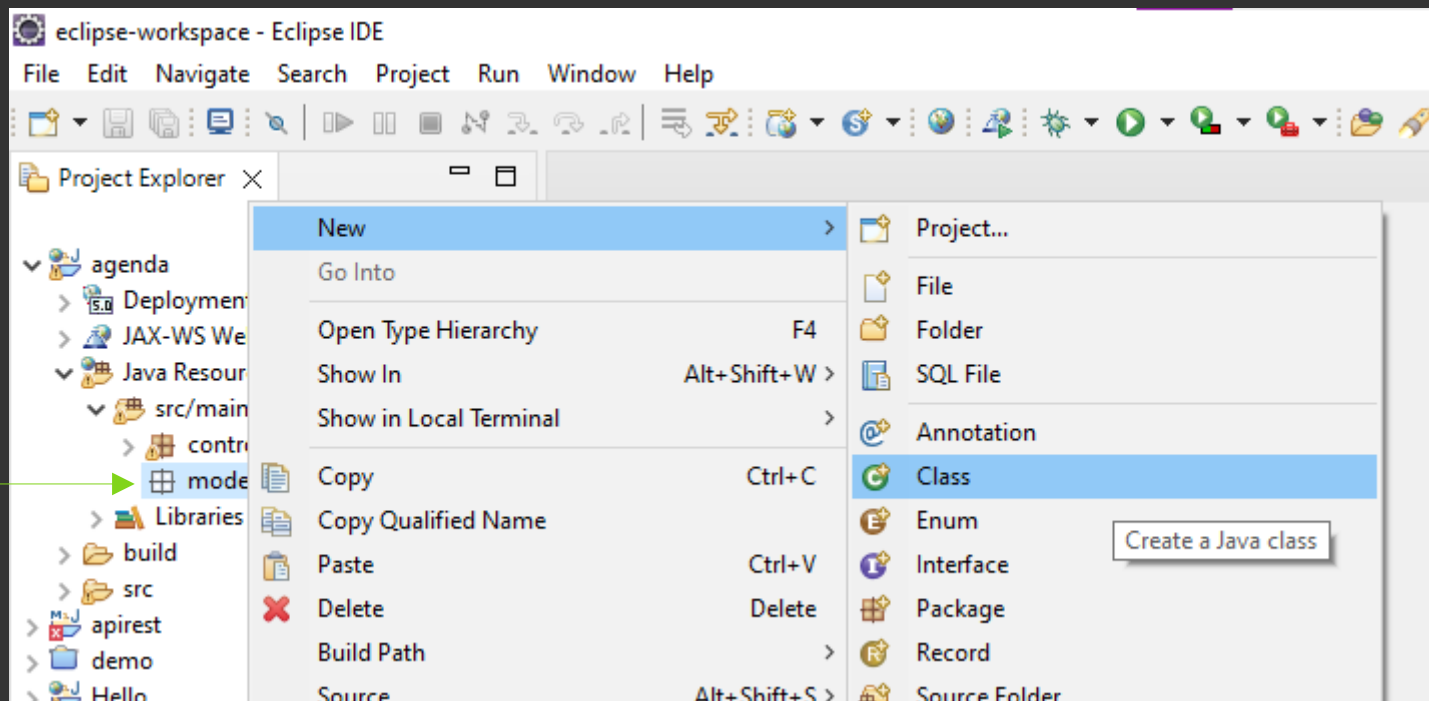
eclipse-workspace - agenda/src/main/java/controller/Controller.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer

- agenda
 - Deployment Descriptor: agenda
 - JAX-WS Web Services
 - Java Resources
 - src/main/java
 - controller
 - Controller.java
 - model
 - Libraries
 - build
 - src
 - apiREST
 - demo
 - Hello
 - HelloJSP
 - Hello Tomcat
 - Servers

```
1 package controller;
2
3 import jakarta.servlet.ServletException;
4
5
6
7
8
9
10 /**
11  * Servlet implementation class Controller
12  */
13 public class Controller extends HttpServlet {
14     private static final long serialVersionUID = 1L;
15
16     /**
17      * @see HttpServlet#HttpServlet()
18      */
19     public Controller() {
20         super();
21         // TODO Auto-generated constructor stub
22     }
```



Click direito

New Java Class

Java Class

Create a new Java class.



Source folder:

Browse...

Package:

Browse...

☐ Enclosing type:

Browse...

Name:

Modifiers: ☒ public ☐ package ☐ private ☐ protected

☐ abstract ☐ final ☐ static

Superclass:

Browse...

Interfaces:

Add...

Remove

Which method stubs would you like to create?

☐ public static void main(String[] args)

☐ Constructors from superclass

☒ Inherited abstract methods

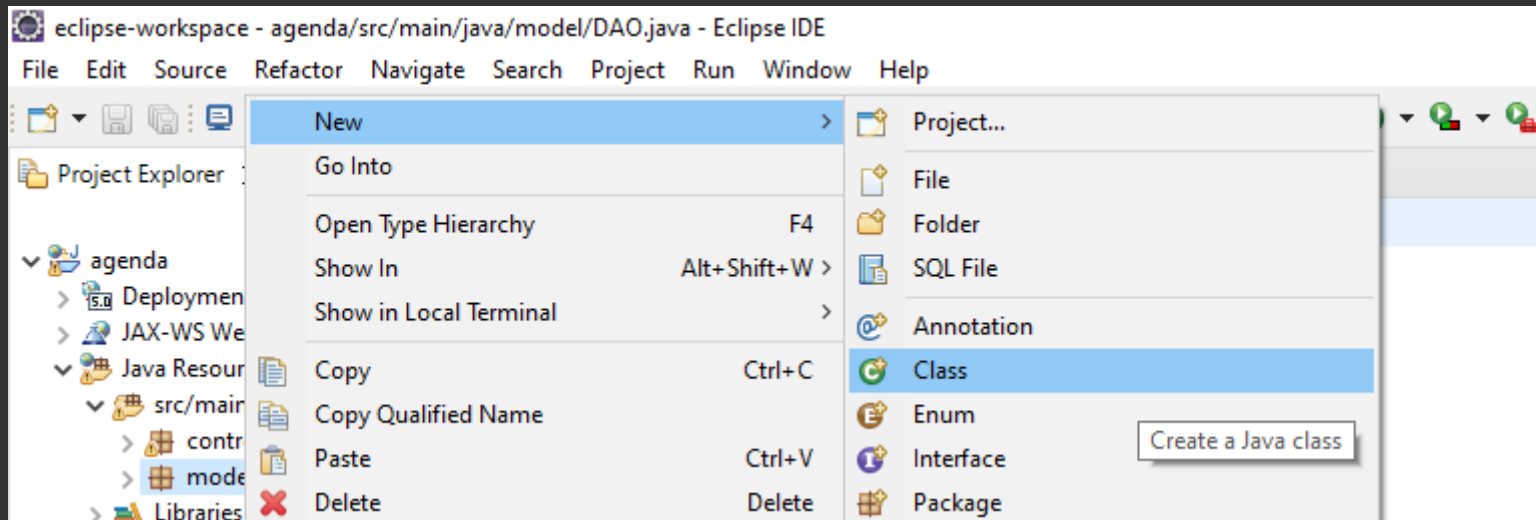
Do you want to add comments? (Configure templates and default value [here](#))

☐ Generate comments



Finish

Cancel





New Java Class



Java Class

Create a new Java class.



Source folder:

agenda/src/main/java

Browse...

Package:

model

Browse...

☐ Enclosing type:

Browse...

Name:

JavaBeans

Modifiers:

☒ public ☐ package ☐ private ☐ protected

☐ abstract ☐ final ☐ static

Superclass:

java.lang.Object

Browse...

Interfaces:

Add...

Remove

Which method stubs would you like to create?

☐ public static void main(String[] args)

☐ Constructors from superclass

☒ Inherited abstract methods

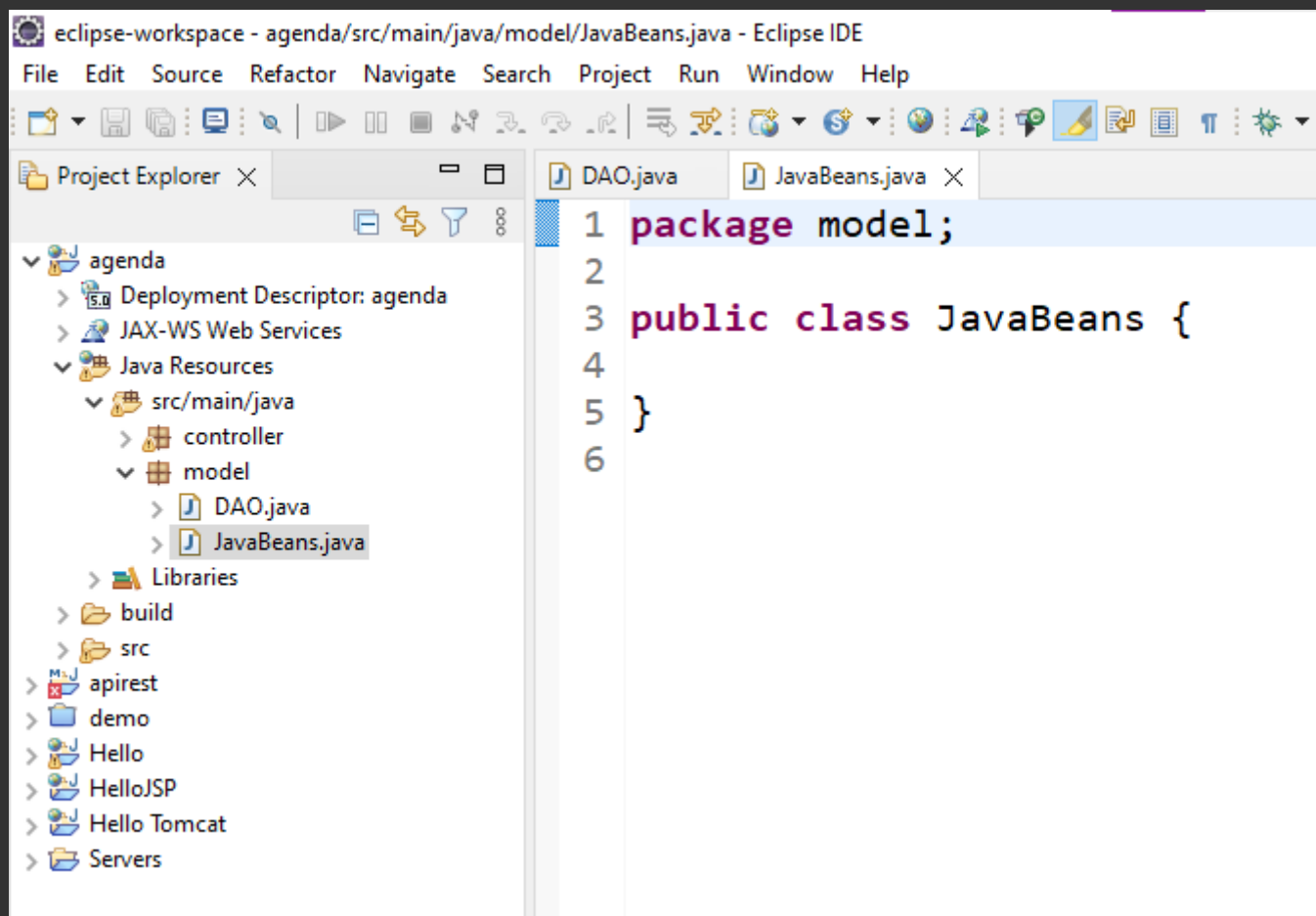
Do you want to add comments? (Configure templates and default value [here](#))

☐ Generate comments

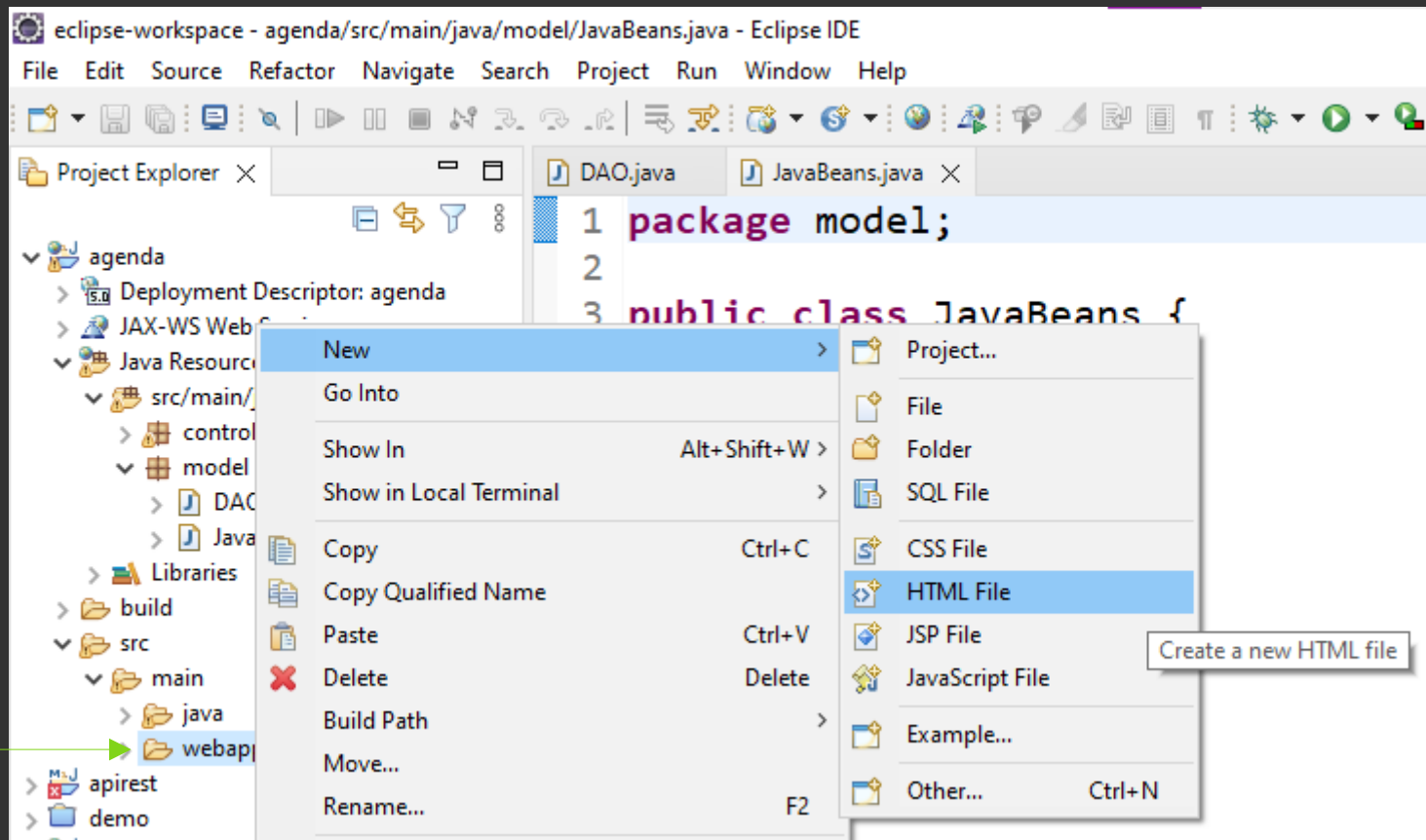


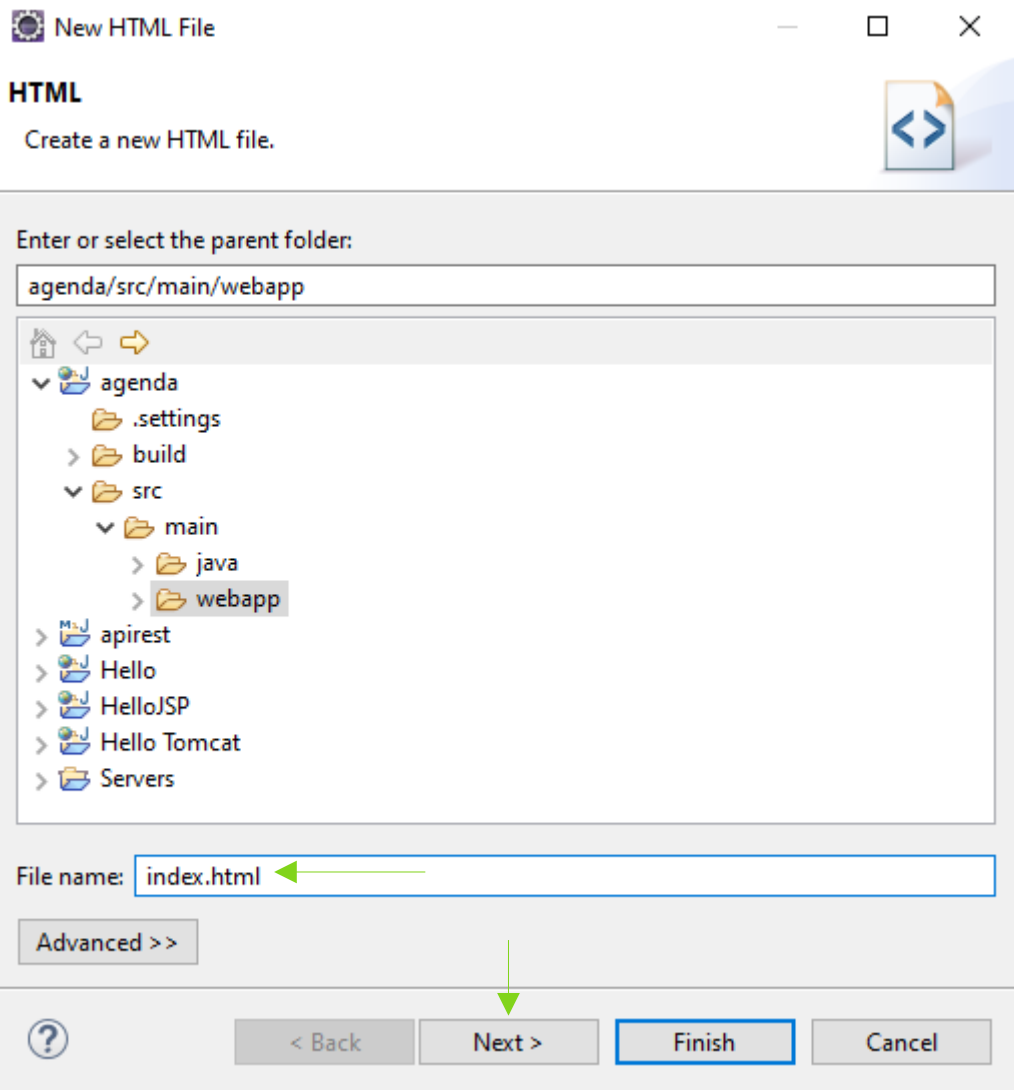
Finish

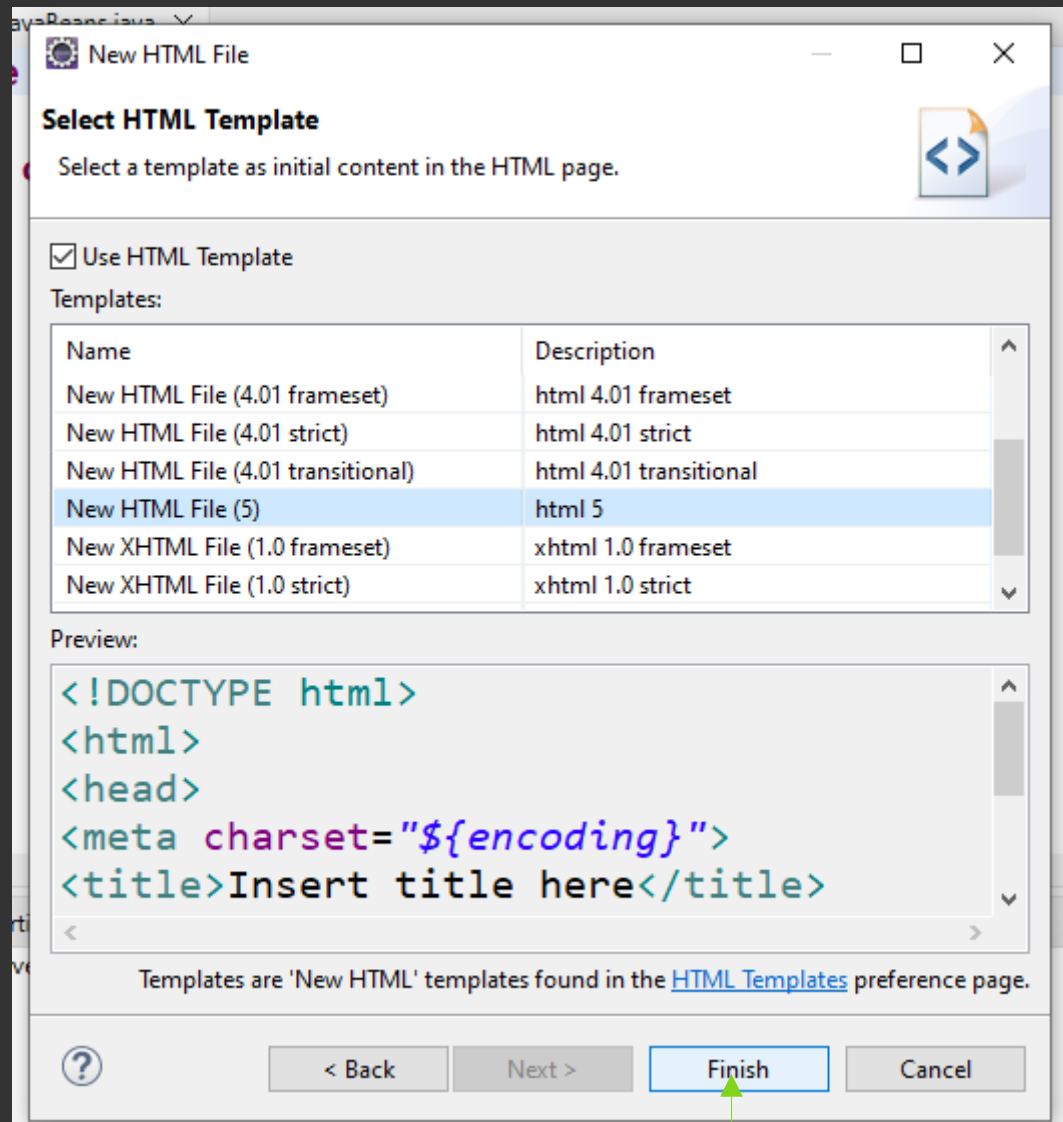
Cancel

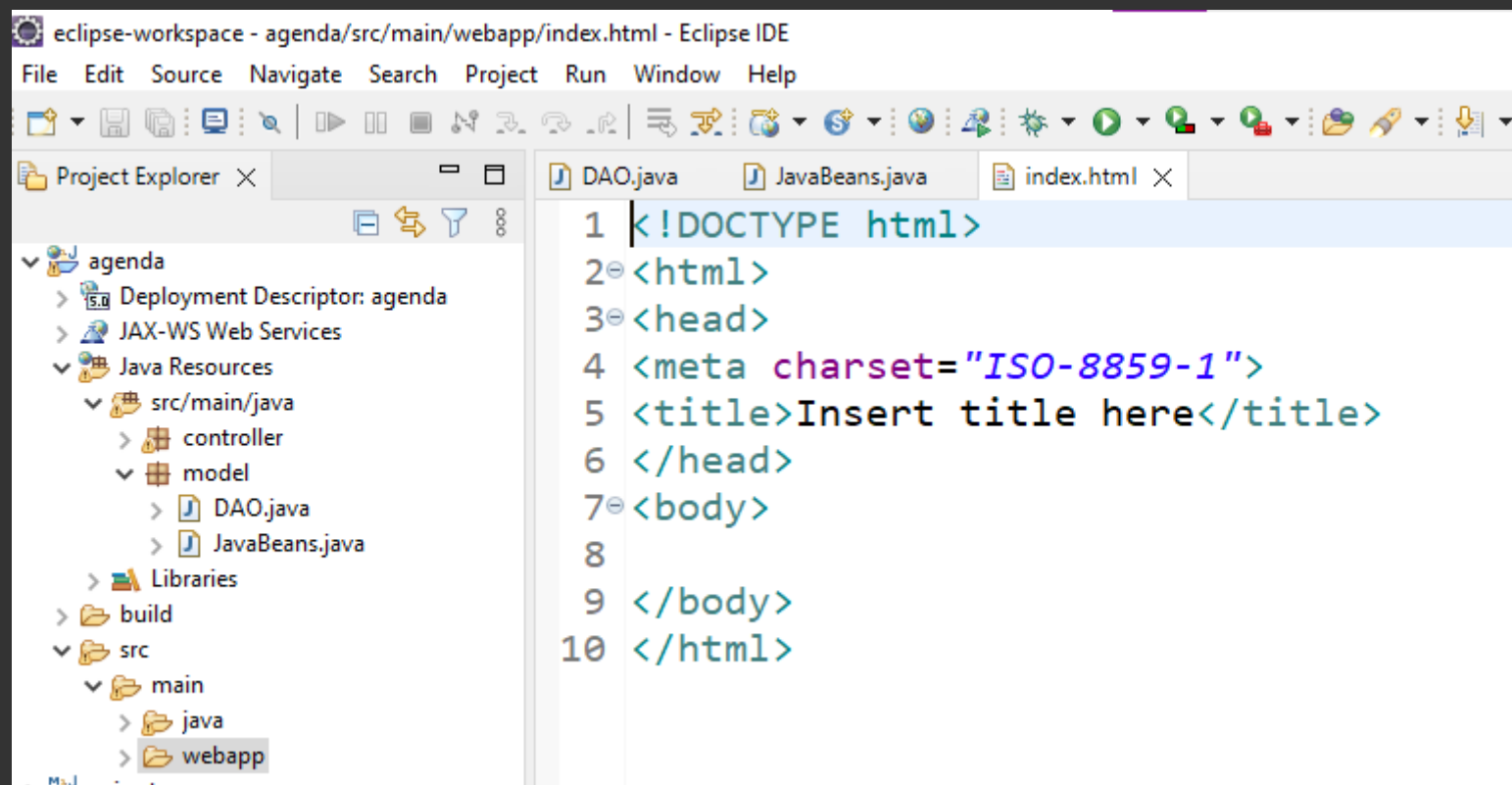


Criamos duas classes dentro do package model









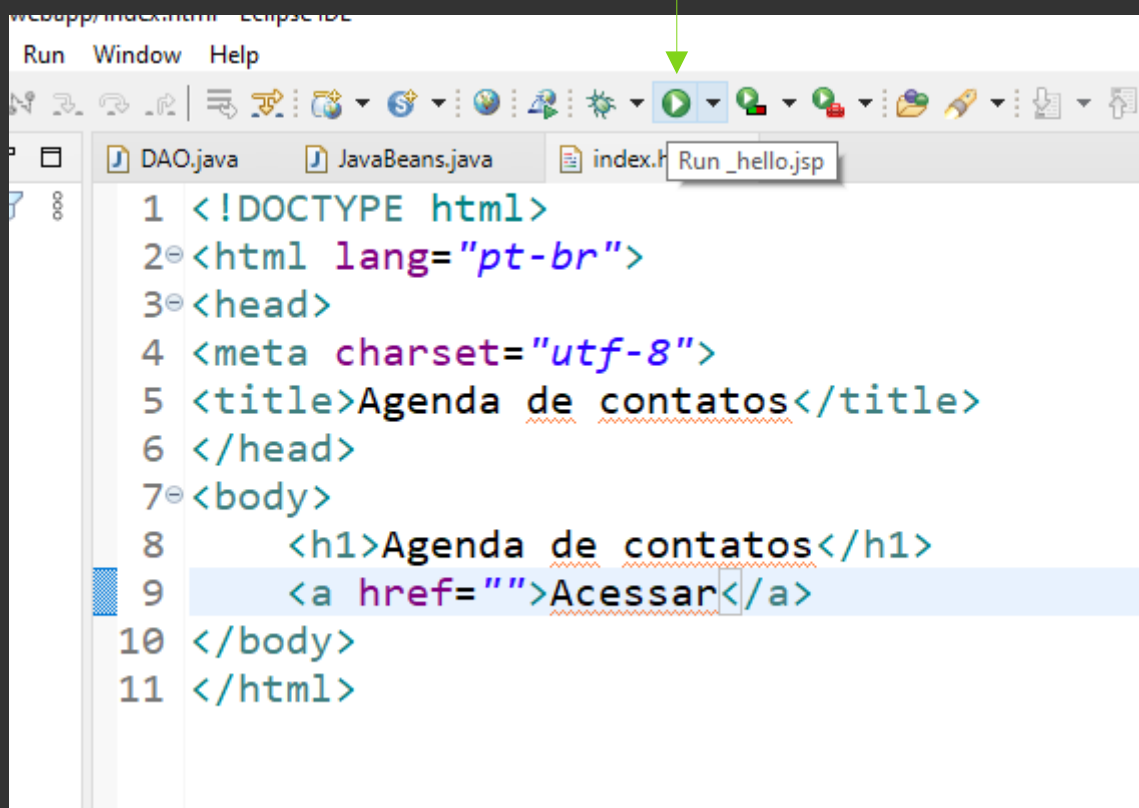


Project Explorer Save All (Ctrl+Shift+S)

- agenda
 - Deployment Descriptor: agenda
 - JAX-WS Web Services
 - Java Resources
 - src/main/java
 - controller
 - model
 - DAO.java
 - JavaBeans.java
 - Libraries
 - build
 - src
 - main
 - java
 - webapp
 - META-INF
 - WEB-INF
 - index.html
 - apiREST
 - demo
 - Hello
 - HelloJSP

DAO.java JavaBeans.java index.html X

```
1 <!DOCTYPE html>
2 <html lang="pt-br">
3 <head>
4 <meta charset="utf-8">
5 <title>Agenda de contatos</title>
6 </head>
7 <body>
8     <h1>Agenda de contatos</h1>
9     <a href="">Acessar</a>
10 </body>
11 </html>
```



Project Explorer X

agenda

> Deployment Descriptor: agenda

> JAX-WS Web Services

Java Resources

src/main/java

> controller

model

> DAO.java

> JavaBeans.java

> Libraries

> build

src

main

> java

webapp

> META-INF

> WEB-INF

index.html

> apirest

> demo

> Hello

> HelloJSP

> Hello Tomcat

> Servers

DAO.java

```
1 <!DOCTYPE
2 <html
3 <head>
4 <meta
5 <title
6 </head>
7 <body>
8 <h
9 <a
10 </body>
11 </html>
```

Markers Prop

> Tomcat v10.0 Se

Run On Server

Run On Server

Select which server to use

How do you want to select the server?

☒ Choose an existing server☐ Manually define a new server

Select the server that you want to use:

type filter text

Server	State
localhost	
Tomcat v10.0 Server at localhost	Started

Apache Tomcat v10.0 supports J2EE 1.2, 1.3, 1.4, and Java EE 5, 6, 7, 8 and Jakarta EE 9 Web modules.

Columns...

☐ Always use this server when running this project

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Next >

Finish

Cancel

