



Welcome to MySQL Workbench

MySQL Workbench is the official graphical user interface (GUI) tool for MySQL. It allows you to design, create and browse your database schemas, work with database objects and insert data as well as design and run SQL queries to work with stored data. You can also migrate schemas and data from other database vendors to your MySQL database.

[Browse Documentation >](#)[Read the Blog >](#)[Discuss on the Forums >](#)


MySQL Connections

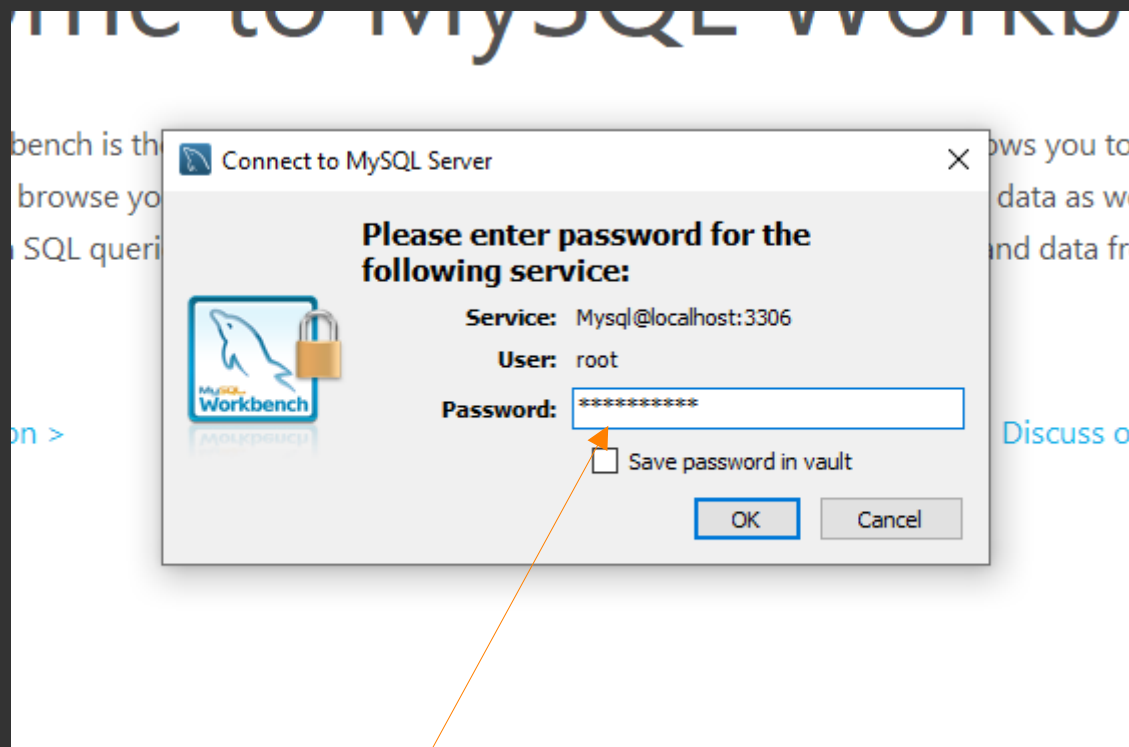


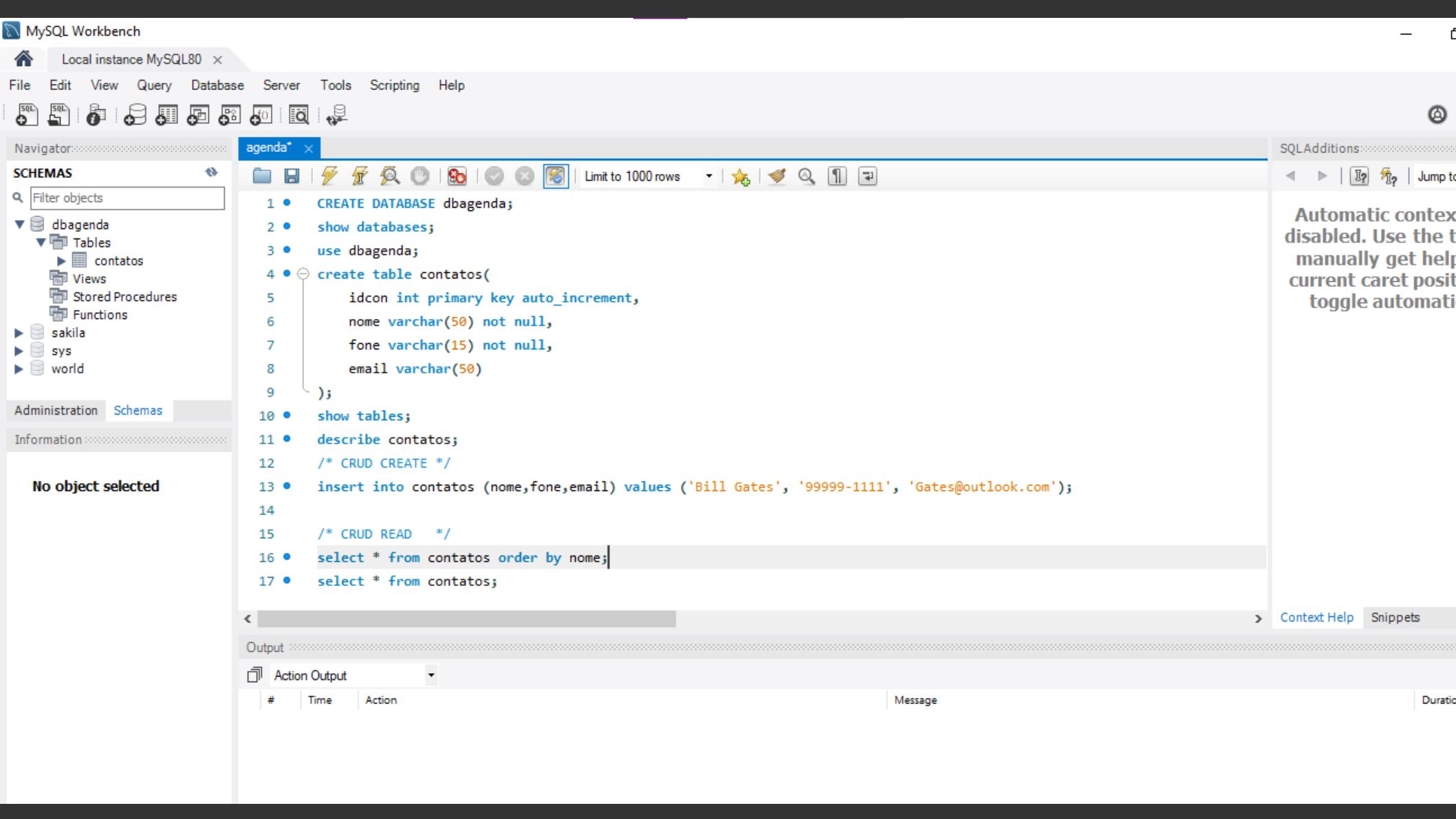
|

Local instance MySQL80

 root

 localhost:3306







Navigator

SCHEMAS

Filter objects

- dbagenda
 - Tables
 - contatos
 - Views
 - Stored Procedures
 - Functions
- sakila
- sys
- world

Administration Schemas

Information

No object selected

agenda x



```
8      email varchar(50)
9  );
10 • show tables;
11 • describe contatos;
12 /* CRUD CREATE */
13 • insert into contatos (nome,fone,email) values ('Bill Gates', '99999-1111', 'Gates@outlook.com');
14
15 /* CRUD READ */
16 • select * from contatos order by nome;
17 • select * from contatos;
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	idcon	nome	fone	email
▶	1	Bill Gates	99999-1111	Gates@outlook.com
	2	Cris Oliveira	99999-2222	cris@gmail.com
	3	Joyce	11111-1111	joy@gmail.com
	4	Akilles Oliveira	33333-3333	ak@gmail.com
*	NULL	NULL	NULL	NULL

Ctrl + enter

contatos 1 x

Apply

Revert

Context Help

Output

Action Output

#	Time	Action
✓ 1	14:19:53	use dbagenda

Message
0 row(s) affected

SQLAddition

Auto
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togg

Result
GridForm
Editor

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

dbagenda

- Tables
 - contatos
- Views
- Stored Procedures
- Functions

sakila

sys

world

Administration Schemas

Information

No object selected

agenda x

Limit to 1000 rows

```
9 );
10 • show tables;
11 • describe contatos;
12 /* CRUD CREATE */
13 • insert into contatos (nome,fone,email) values ('Bill Gates', '99999-1111', 'Gates@outlook.com');
14
15 /* CRUD READ */
16 • select * from contatos order by nome;
17 • select * from contatos where idcon = 3;
18 • select * from contatos;
```

Result Grid

	idcon	nome	fone	email
▶	3	Joyce	11111-1111	joy@gmail.com
*	NULL	NULL	NULL	NULL

contatos 2 x

Apply Revert

Context Help Snippet

Output

Action Output

#	Time	Action	Message
---	------	--------	---------

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manually ge
current caret
toggle auto



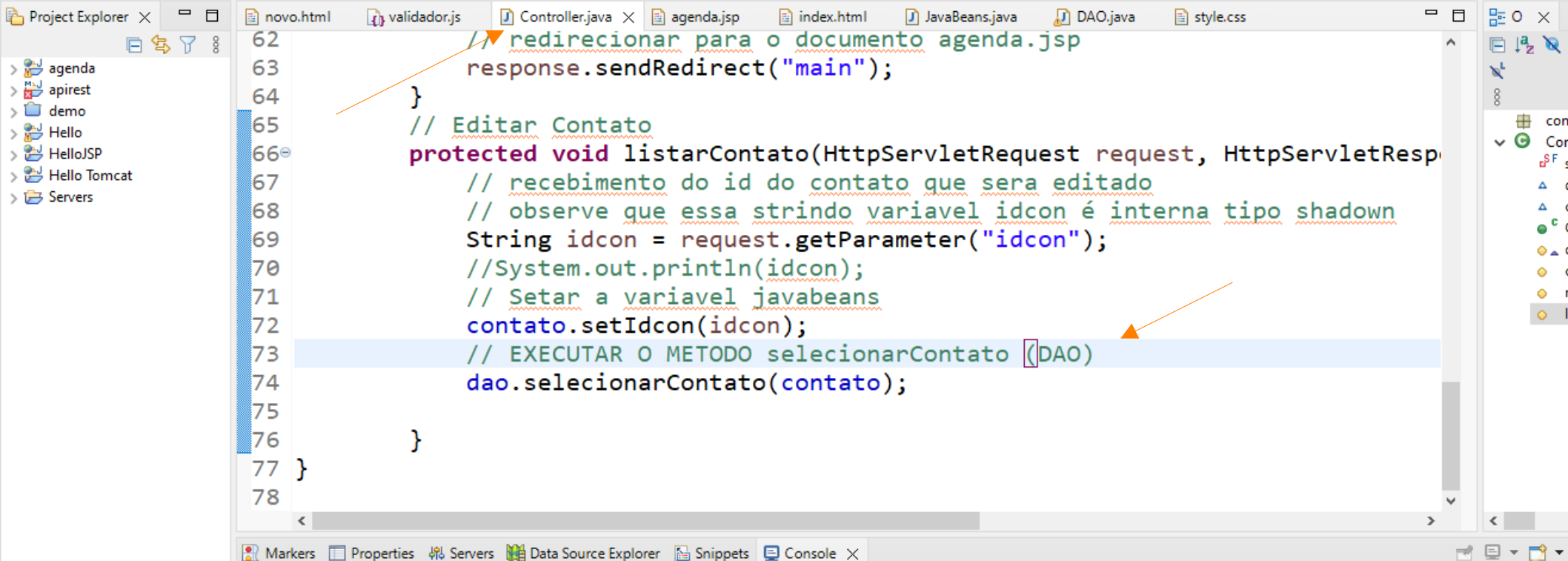
Project Explorer

- agenda
- apiREST
- demo
- Hello
- HelloJSP
- Hello Tomcat
- Servers

```
76         String email = rs.getString(4);
77         // populando o array list
78         contatos.add(new JavaBeans(idcon,nome,fone,email));
79     }
80     con.close();
81     return contatos;
82 } catch (Exception e) {
83     System.out.println(e);
84     return null;
85 }
86 }
87 /* CRUD UPDATE */
88 public void selecionarContato(JavaBeans contato) {
89     |
90 }
91 }
92
```

Markers Properties Servers Data Source Explorer Snippets Console

No consoles to display at this time.



The screenshot shows the Eclipse IDE with the `Controller.java` file open. The code is as follows:

```
62 //redirecionar para o documento agenda.jsp
63 response.sendRedirect("main");
64 }
65 // Editar Contato
66 protected void listarContato(HttpServletRequest request, HttpServletResponse response) {
67     // recebimento do id do contato que sera editado
68     // observe que essa strindo variavel idcon é interna tipo shadown
69     String idcon = request.getParameter("idcon");
70     //System.out.println(idcon);
71     // Setar a variavel javabeans
72     contato.setIdcon(idcon);
73     // EXECUTAR O METODO selecionarContato (DAO)
74     dao.selecionarContato(contato);
75 }
76 }
77 }
78 }
```

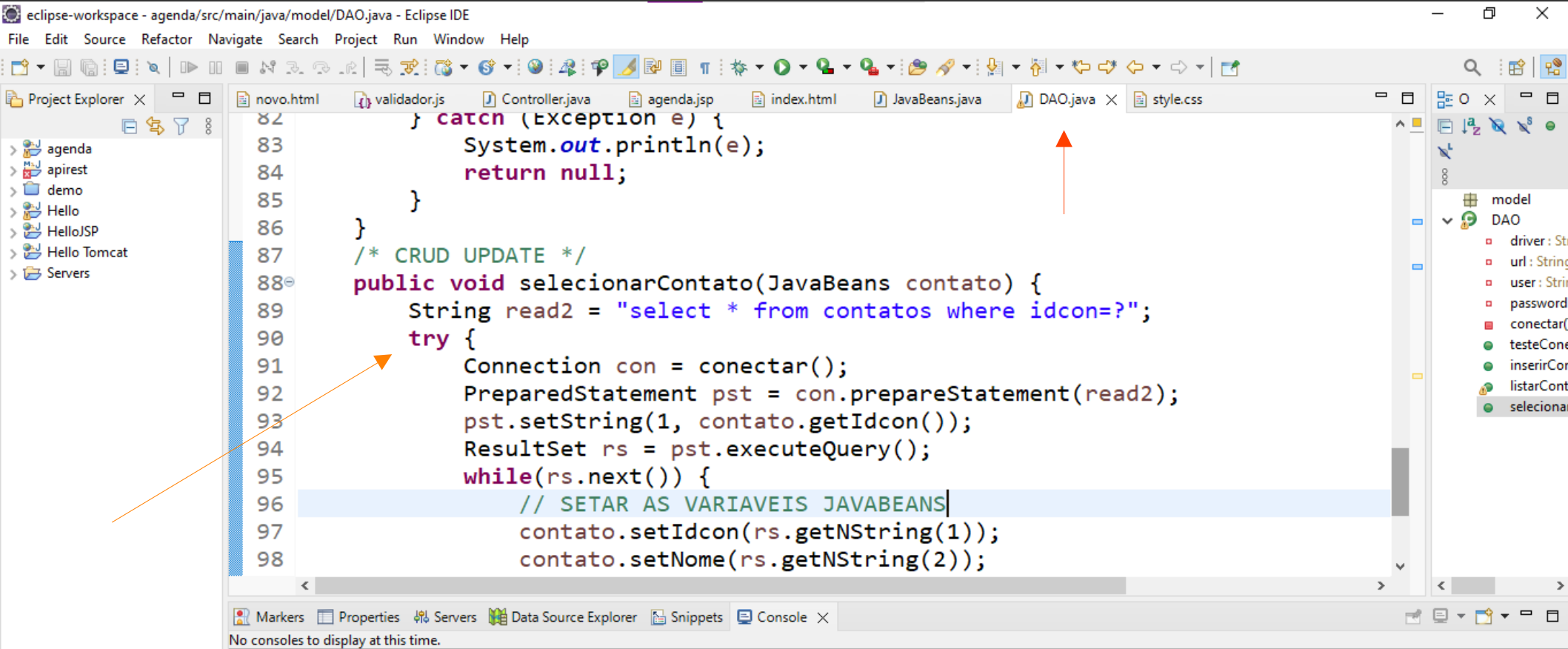
Annotations in the image:

- An orange arrow points from the comment `//redirecionar para o documento agenda.jsp` to the `response.sendRedirect("main");` line.
- Another orange arrow points from the comment `// EXECUTAR O METODO selecionarContato (DAO)` to the `dao.selecionarContato(contato);` line.

The Project Explorer on the left shows the project structure:

- agenda
- apiREST
- demo
- Hello
- HelloJSP
- Hello Tomcat
- Servers

The bottom status bar indicates: No consoles to display at this time.



Digite try tecla ctrl + espaço para autocompletar

Digite o código no lugar certo

eclipse-workspace - agenda/src/main/java/model/DAO.java - Eclipse IDE

File Edit Source Refactor Navigate Search Project Run Window Help



Project Explorer X novo.html validator.js Controller.java agenda.jsp index.html JavaBeans.java DAO.java X style.css

```
86 }
87 /* CRUD UPDATE */
88 public void selecionarContato(JavaBeans contato) {
89     String read2 = "select * from contatos where idcon=?";
90     try {
91         Connection con = conectar();
92         PreparedStatement pst = con.prepareStatement(read2);
93         pst.setString(1, contato.getIdcon());
94         ResultSet rs = pst.executeQuery();
95         while(rs.next()) {
96             // SETAR AS VARIÁVEIS JAVABEANS
97             contato.setIdcon(rs.getNString(1));
98             contato.setNome(rs.getNString(2));
99             contato.setFone(rs.getNString(3));
100             contato.setEmail(rs.getNString(4));
101         }
102     }
```

Erro não é NSTRING É
getString

Markers Properties Servers Data Source Explorer Snippets Console X

No consoles to display at this time.

Project Explorer

- agenda
 - Deployment Descriptor: ag
 - JAX-WS Web Services
 - Java Resources
 - build
 - src
 - main
 - java
 - webapp
 - imagens
 - META-INF
 - scripts
 - WEB-INF
 - agenda.jsp
 - index.html
 - novo.html
 - style.css
- apiREST
- demo
- Hello
- HelloJSP
- Hello Tomcat
- Servers

DAO.java

```
93      pst.setString(1, contato.getIdcon());
94      ResultSet rs = pst.executeQuery();
95      while(rs.next()) {
96          // SETAR AS VARIÁVEIS JAVABEANS
97          contato.setIdcon(rs.getString(1));
98          contato.setNome(rs.getString(2));
99          contato.setFone(rs.getString(3));
100         contato.setEmail(rs.getString(4));
101     }
102     con.close();
103
104 } catch (Exception e) {
105     System.out.println(e);
106 }
107
108 }
109 }
```

Outline

- model
- DAO
 - driver: S
 - url: Stri
 - user: St
 - passwor
 - conecta
 - testeCo
 - inserirC
 - listarCo
 - selecion

certo

Markers Properties Servers Data Source Explorer Snippets Console

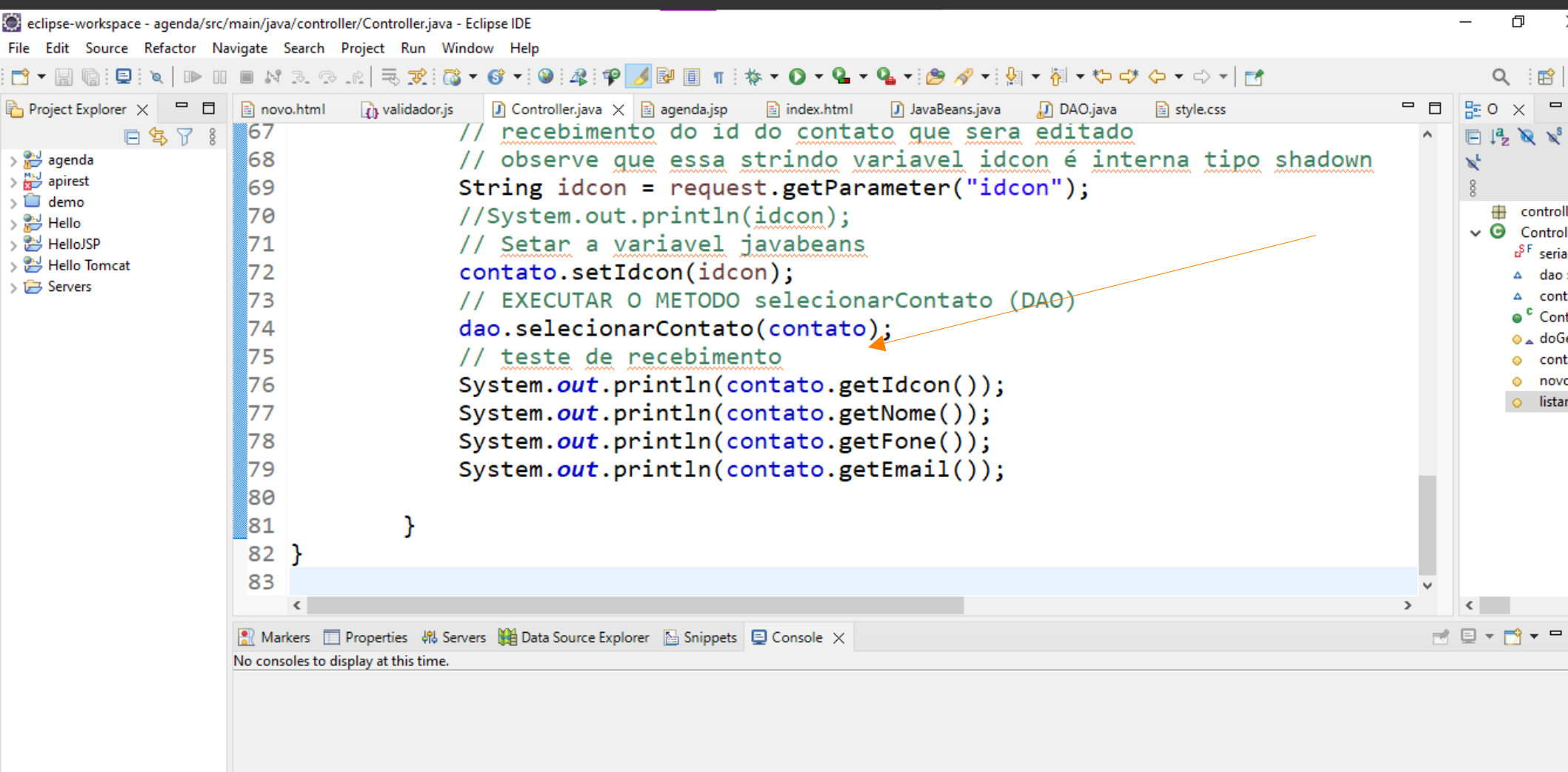
Tomcat v10.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-11.0.11\bin\javaw.exe (19 de jul. de 2022 14:57:03) [pid: 11496]

jul 19, 2022 3:00:31 PM org.apache.jasper.servlet.TldScanner scanJars

INFO: At least one JAR was scanned for TLDs yet contained no TLDs. Enable debug logging for

jul 19, 2022 3:00:31 PM org.apache.catalina.core.StandardContext reload

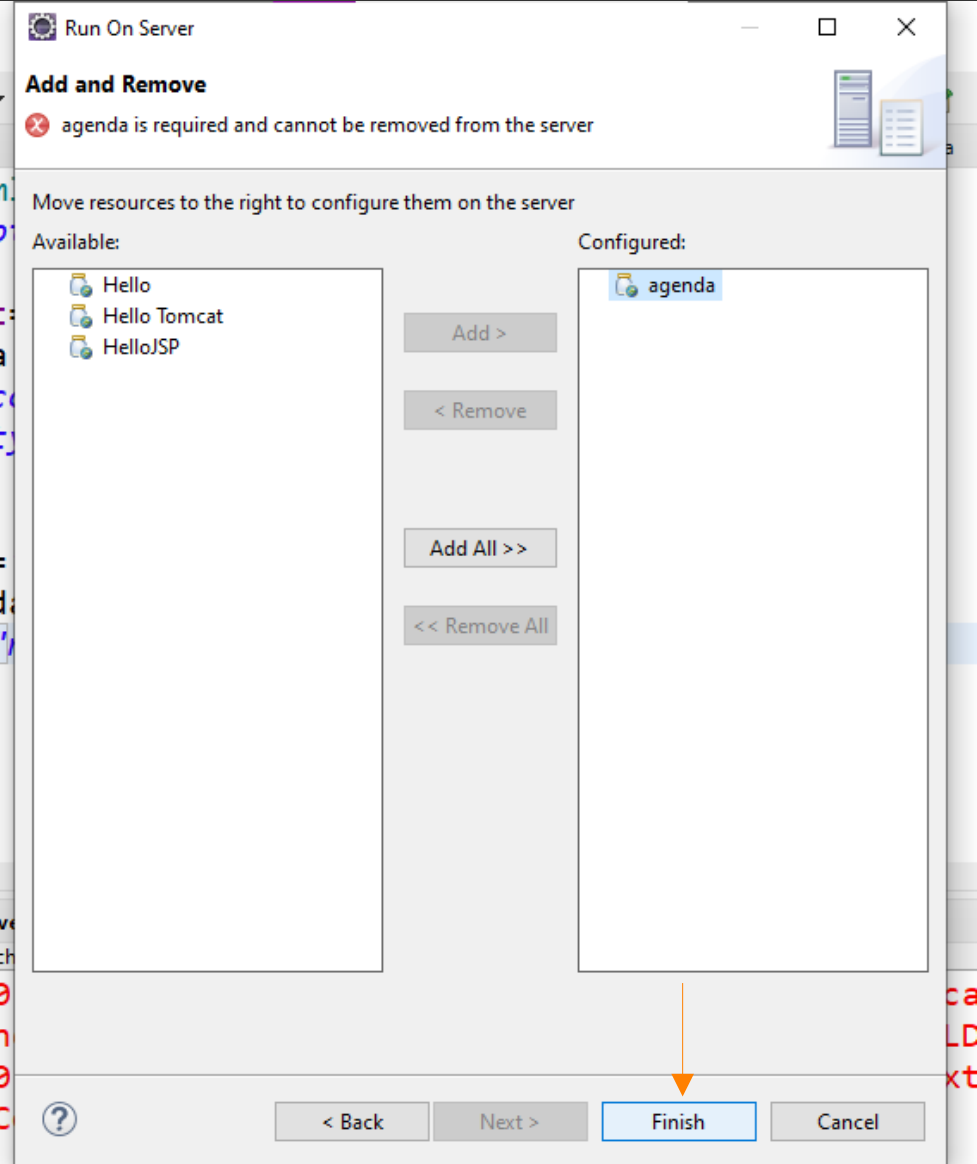
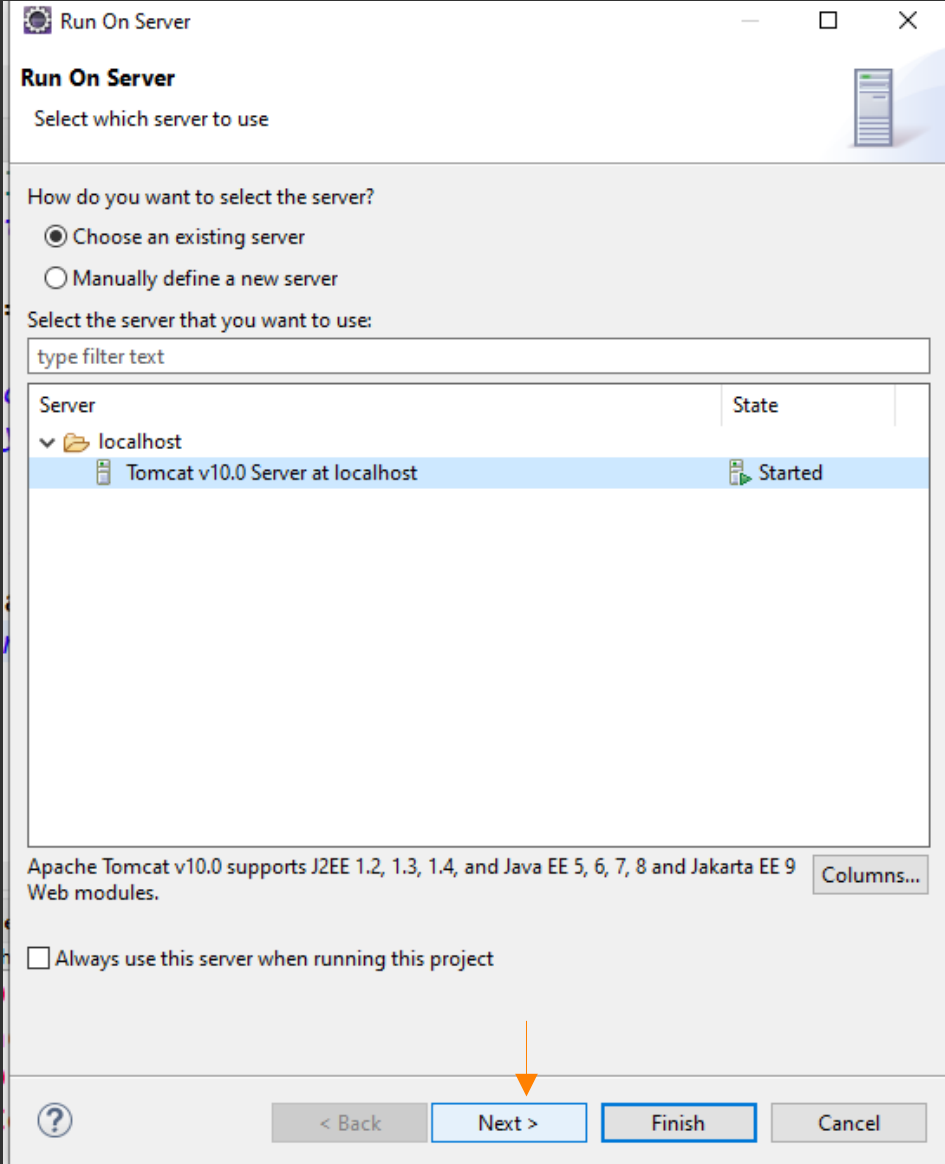
INFO: Reloading Context with name [/agenda] is completed



Salve tudo selecione o index.html e execute



```
1 <!DOCTYPE html>
2 <html lang="pt-br">
3 <head>
4 <meta charset="utf-8">
5 <title>Agenda de contatos</title>
6 <link rel="icon" href="imagens/favicon.png">
7 <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10 
11 <h1>Agenda de contatos</h1>
12 <a href="main" class="Botao1">Acessar</a>
13 </body>
14 </html>
```





Agenda de contatos

Acessar

Curso Java WEB (Java EE)

Agenda de contatos

localhost:8080/agenda/main

c++

C++

C++

C

C++ VISUAL STUDIO

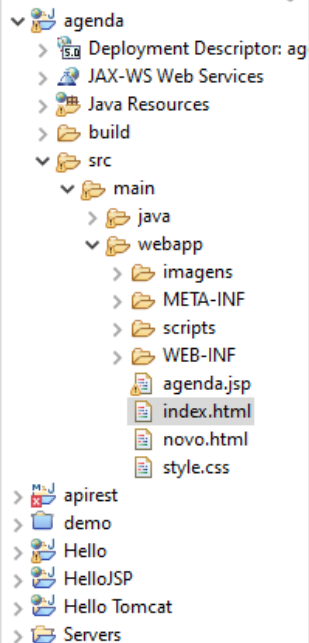
Domestika

A

Agenda de Contatos

Novo Contato

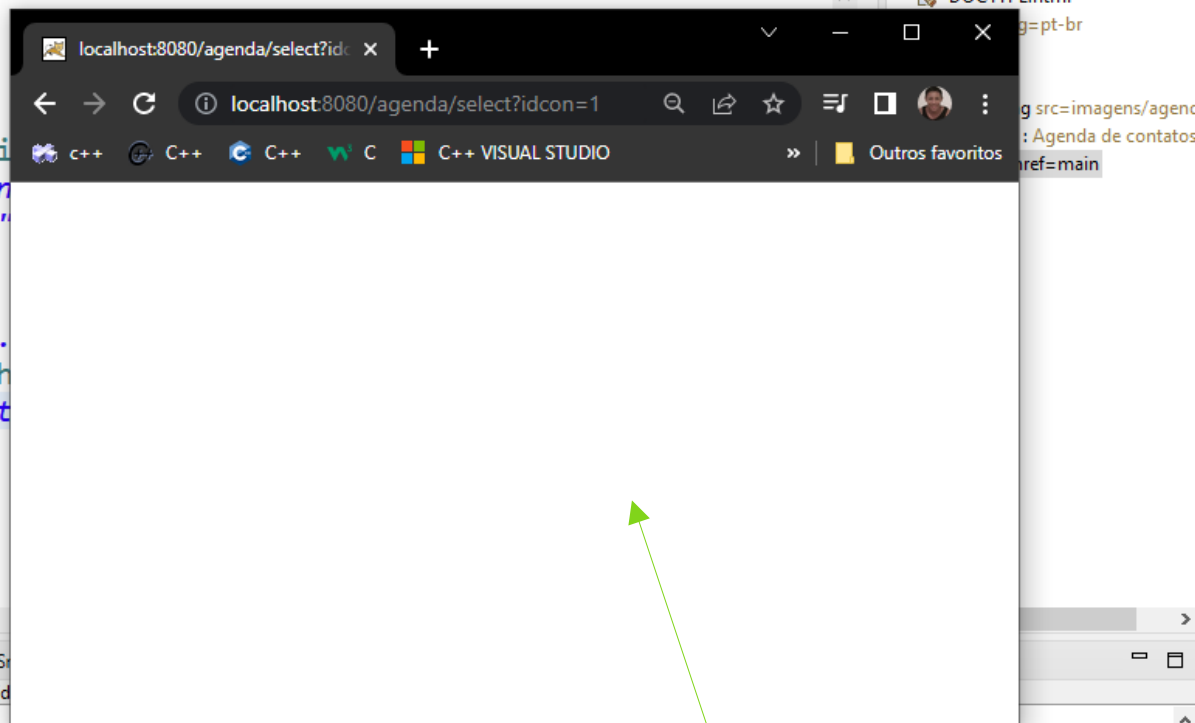
Id	Nome	Fone	E-mail	Opções
4	Akilles Oliveira	33333-3333	ak@gmail.com	Editar
1	Bill Gates	99999-1111	Gates@outlook.com	Editar
2	Cris Oliveira	99999-2222	cris@gmail.com	Editar
3	Joyce	11111-1111	joy@gmail.com	Editar

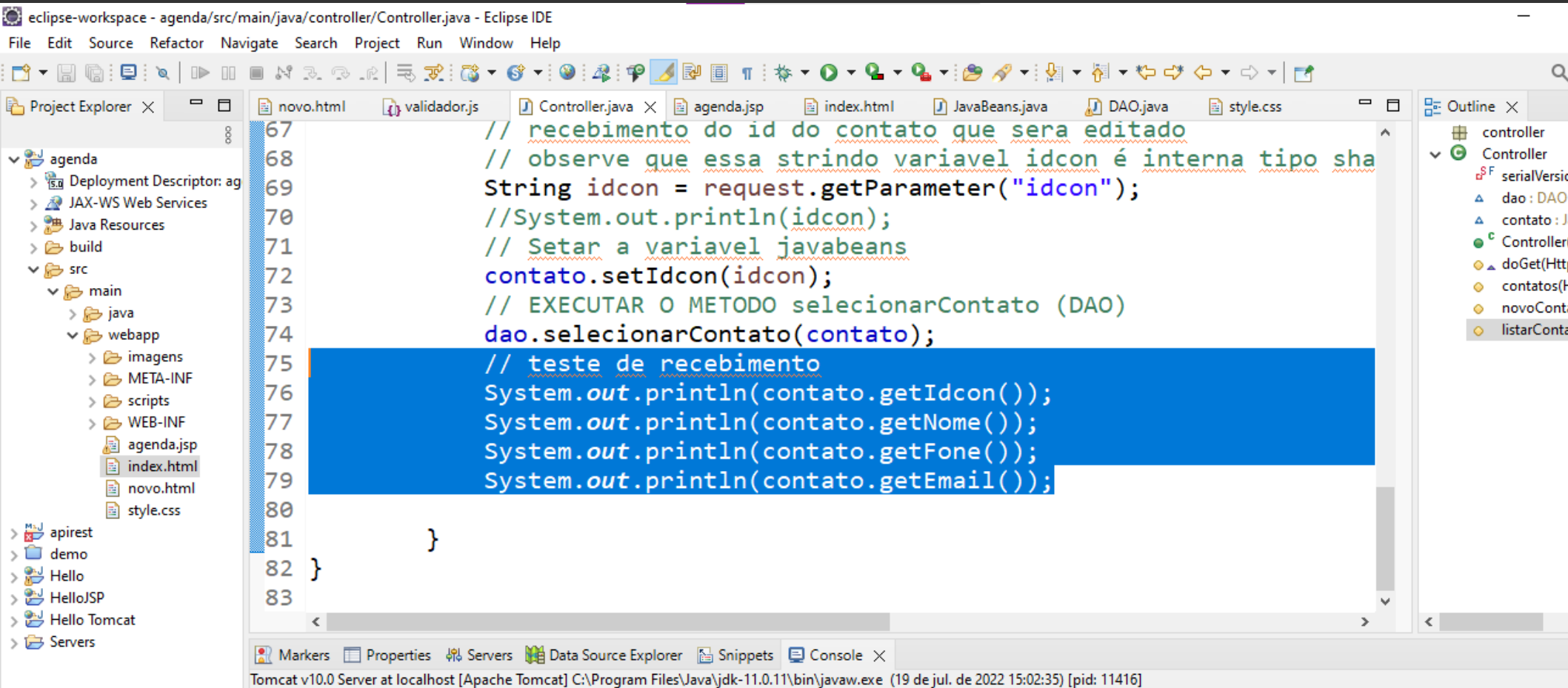


```
1 <!DOCTYPE html>
2 <html lang="pt-br">
3 <head>
4 <meta charset="utf-8">
5 <title>Agenda de contatos</title>
6 <link rel="icon" href="imagens/icon.png">
7 <link rel="stylesheet" href="style.css">
8 </head>
9 <body>
10 
11 <h1>Agenda de contatos</h1>
12 <a href="main" class="Botao">Botão</a>
13 </body>
14 </html>
```

Markers Properties Servers Data Source Explorer
Tomcat v10.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-11.0.2\bin\java.exe

```
1
Bill Gates
99999-1111
Gates@outlook.com
```





Delete ou comente essas linhas do teste de recebimento

