



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

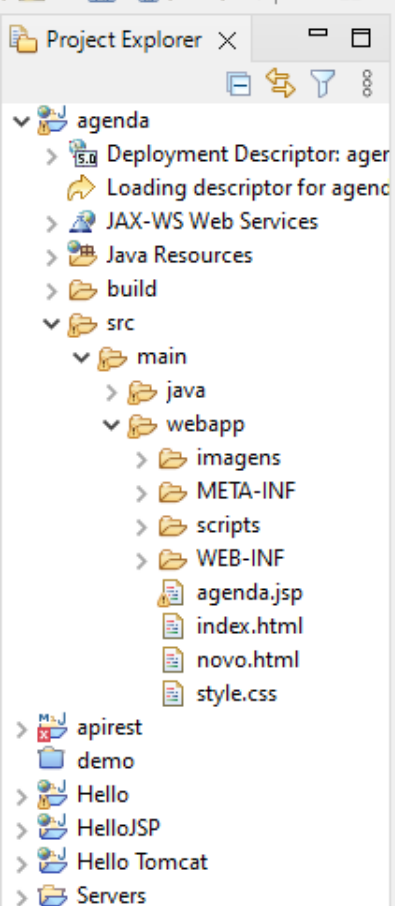
agenda

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- Hello
- HelloJSP
- Hello Tomcat
- Servers

```
20<table id="tabela">
21  <thead>
22    <tr>
23      <th>Id</th>
24      <th>Nome</th>
25      <th>Fone</th>
26      <th>E-mail</th>
27      <th>Opções</th>
28    </tr>
29  </thead>
30  <tbody>
31    <%for(int i = 0; i < lista.size(); i++) {%>
32      <tr>
33        <td><%=lista.get(i).getIdcon() %></td>
34        <td><%=lista.get(i).getNome() %></td>
35        <td><%=lista.get(i).getFone() %></td>
36        <td><%=lista.get(i).getEmail() %></td>
```

Markers Properties Servers X Data Source Explorer Snippets Console

> Tomcat v10.0 Server at localhost [Stopped]



```
26      <th>E-mail</th>
27      <th>Opções</th>
28    </tr>
29  </thead>
30  <tbody>
31    <%for(int i = 0; i < lista.size(); i++) {%>
32      <tr>
33        <td><%=lista.get(i).getIdcon() %></td>
34        <td><%=lista.get(i).getNome() %></td>
35        <td><%=lista.get(i).getFone() %></td>
36        <td><%=lista.get(i).getEmail() %></td>
37        <td><a href="" class="Botao1">Editar</a></td>
38      </tr>
39    <%} %>
40  </tbody>
41 </table>
42 </body>
```

Salve tudo selecione o index.html e execute



Project Explorer × novo.html validator.js Controller.java agenda.jsp index.html × JavaBeans.java DAO.java s

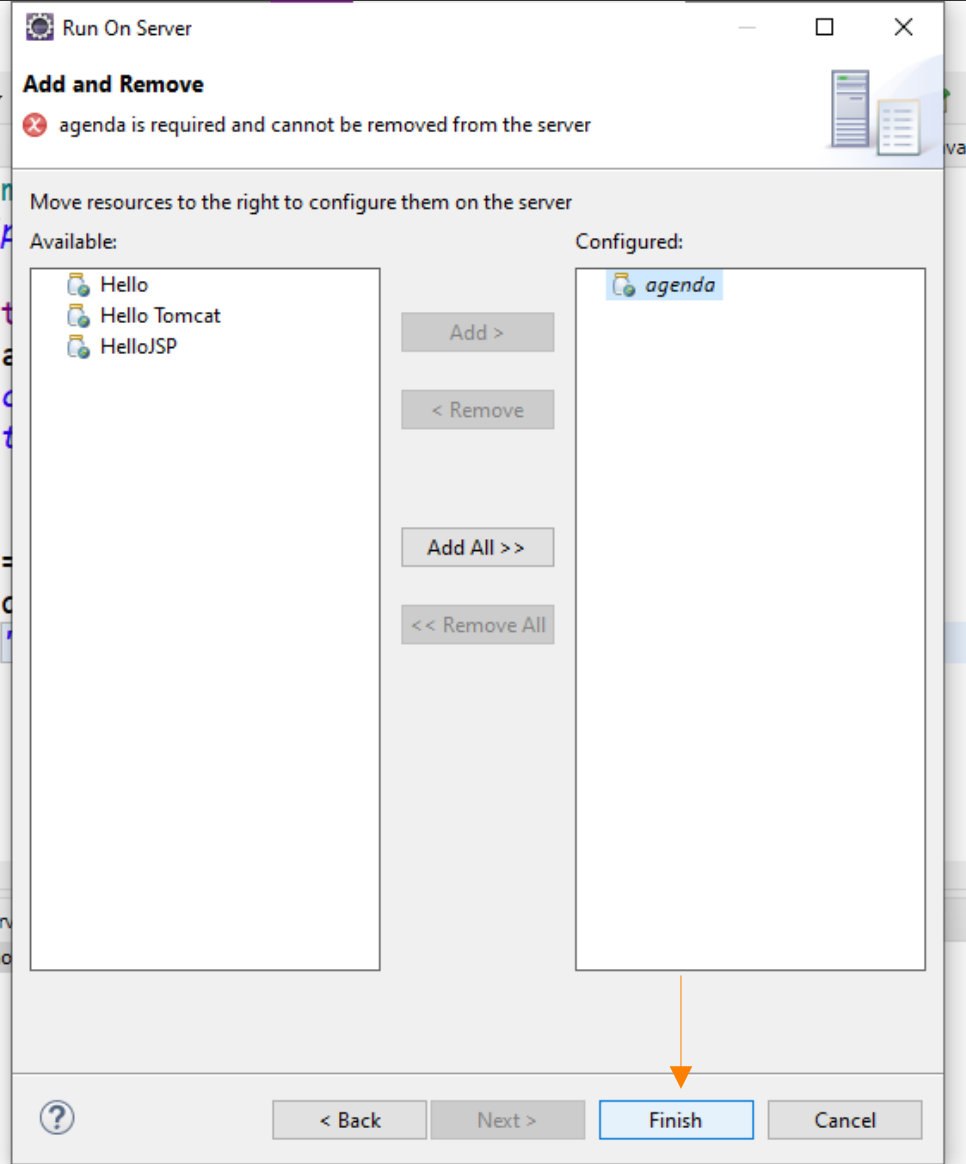
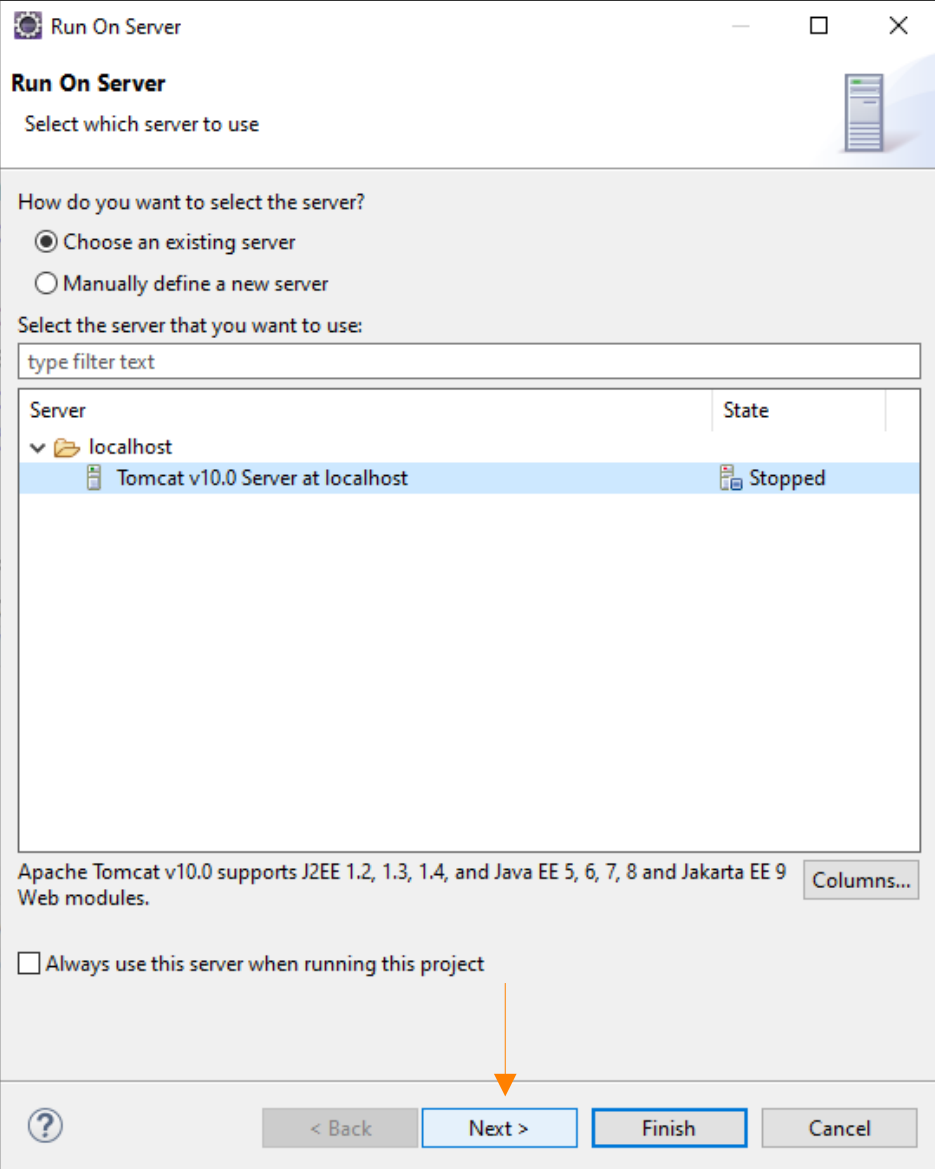
Project Explorer

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```
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>
```

Markers Properties Servers × Data Source Explorer Snippets Console

> Tomcat v10.0 Server at localhost [Stopped]



Botão que criamos

localhost:8080/agenda/index.html

c++ C++ C++ C++ C++ VISUAL STUDIO



Agenda de contatos

Acessar

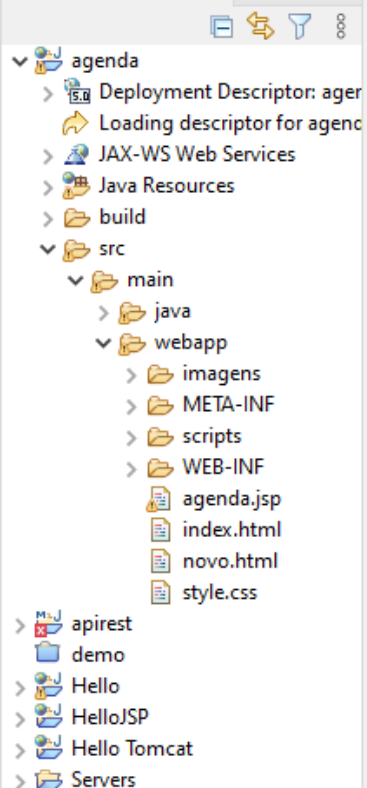
localhost:8080/agenda/main

c++ C++ C++ C++ C++ VISUAL STUDIO Domestika ASSEMBLY

Agenda de Contatos

Novo Contato

Id	Nome	Fone	E-mail	Opções
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



```
26         <th>E-mail</th>
27         <th>Opções</th>
28     </tr>
29 </thead>
30 <tbody>
31     <%for(int i = 0; i < lista.size(); i++) {%>
32         <tr>
33             <td><%=lista.get(i).getIdcon() %></td>
34             <td><%=lista.get(i).getNome() %></td>
35             <td><%=lista.get(i).getFone() %></td>
36             <td><%=lista.get(i).getEmail() %></td>
37             <td><a href="select" class="Botao1">Editar</a></td>
38         </tr>
39     <%} %>
40 </tbody>
41 </table>
42 </body>
```

Tomcat v10.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-11.0.11\bin\javaw.exe (18 de jul. de 2022 16:10:12) [pid: 10264]

INFO: Server startup in [5390] milliseconds

/main

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

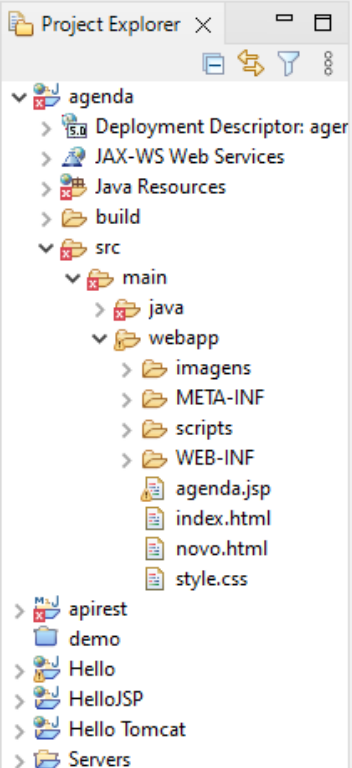
File Edit Source Refactor Navigate Search Project Run Window Help



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```
1 package controller;
2
3 import java.io.IOException;
4
14
15 @WebServlet(urlPatterns = {"/controller", "/main", "/insert", "/select"})
16 public class Controller extends HttpServlet {
17     private static final long serialVersionUID = 1L;
18     //criando um objetos
19     DAO dao = new DAO();
20     JavaBeans contato = new JavaBeans();
21
22     public Controller() {
23         super();
24     }
25
26     protected void doGet(HttpServletRequest request, HttpServletResponse res
27         String action = request.getServletPath();
```

```
25
26 protected void doGet(HttpServletRequest request, HttpServletResponse res
27     String action = request.getServletPath();
28     System.out.println(action);
29     if (action.equals("/main")) {
30         contatos(request, response);
31     } else if (action.equals("/insert")) {
32         novoContato(request, response);
33     } else if (action.equals("/select")) {
34         listarContato(request, response);
35     } else {
36         response.sendRedirect("index.html");
37     }
38 }
39 // listar contatos
40 protected void contatos(HttpServletRequest request, HttpServletResponse
41     //response.sendRedirect("agenda.jsp");
```

Project Explorer

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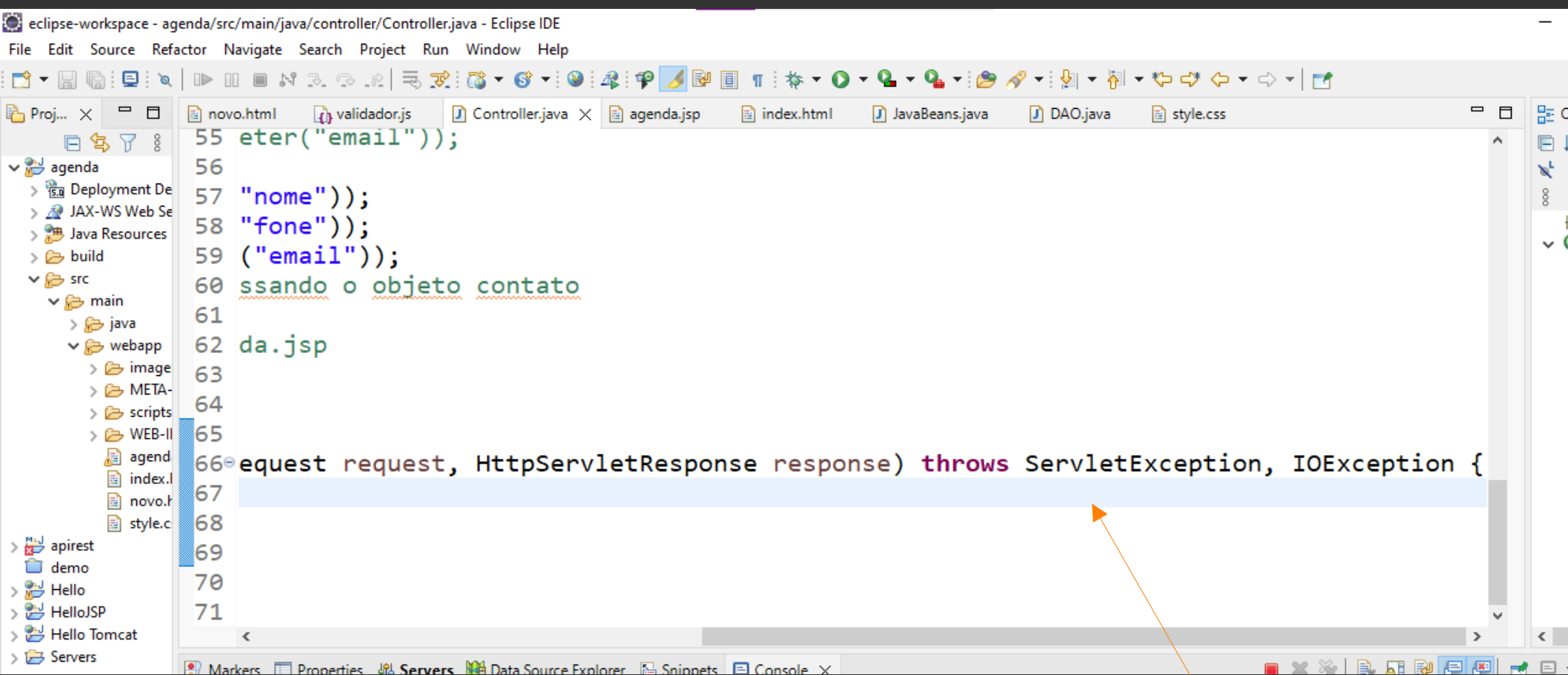
```
55 //System.out.println(request.getParameter("email"));
56 // setar as variaveis JavaBeans
57 contato.setNome(request.getParameter("nome"));
58 contato.setFone(request.getParameter("fone"));
59 contato.setEmail(request.getParameter("email"));
60 // inserir o metodo inserirContato passando o objeto contato
61 dao.inserirContato(contato);
62 // redirecionar para o documento agenda.jsp
63 response.sendRedirect("main");
64 }
65 // Editar Contato
66 protected void listarContato(HttpServletRequest request, HttpServ
67
68
69 }
70 }
71
```

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 (18 de jul. de 2022 16:10:12) [pid: 10264]

jul 18, 2022 4:21:04 PM org.apache.jasper.servlet.TldScanner scanJars

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



Só para mostrar a linha toda
Salve tudo escolha o index.html e execute



Agenda de contatos

Acessar

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nov.html | validador.js | Controller.java | agenda.jsp

```
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/favi
7 <link rel="stylesheet" href="style.
8 </head>
9 <body>
10 
11 <h1>Agenda de contatos</h1>
12 <a href="main" class="Botao1">A
13 </body>
14 </html>
```

Markers | Properties | Servers | Data Source Explorer | Snippets | C

Tomcat v10.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-11.0.11\bin\

jul 18, 2022 4:24:59 PM org.apache.cata
INFO: Server startup in [2856] millise
/main
/select

Agenda de contatos

localhost:8080/agenda/main

C++ C++ C++ C++ C++ VISUAL STUDIO

Outr

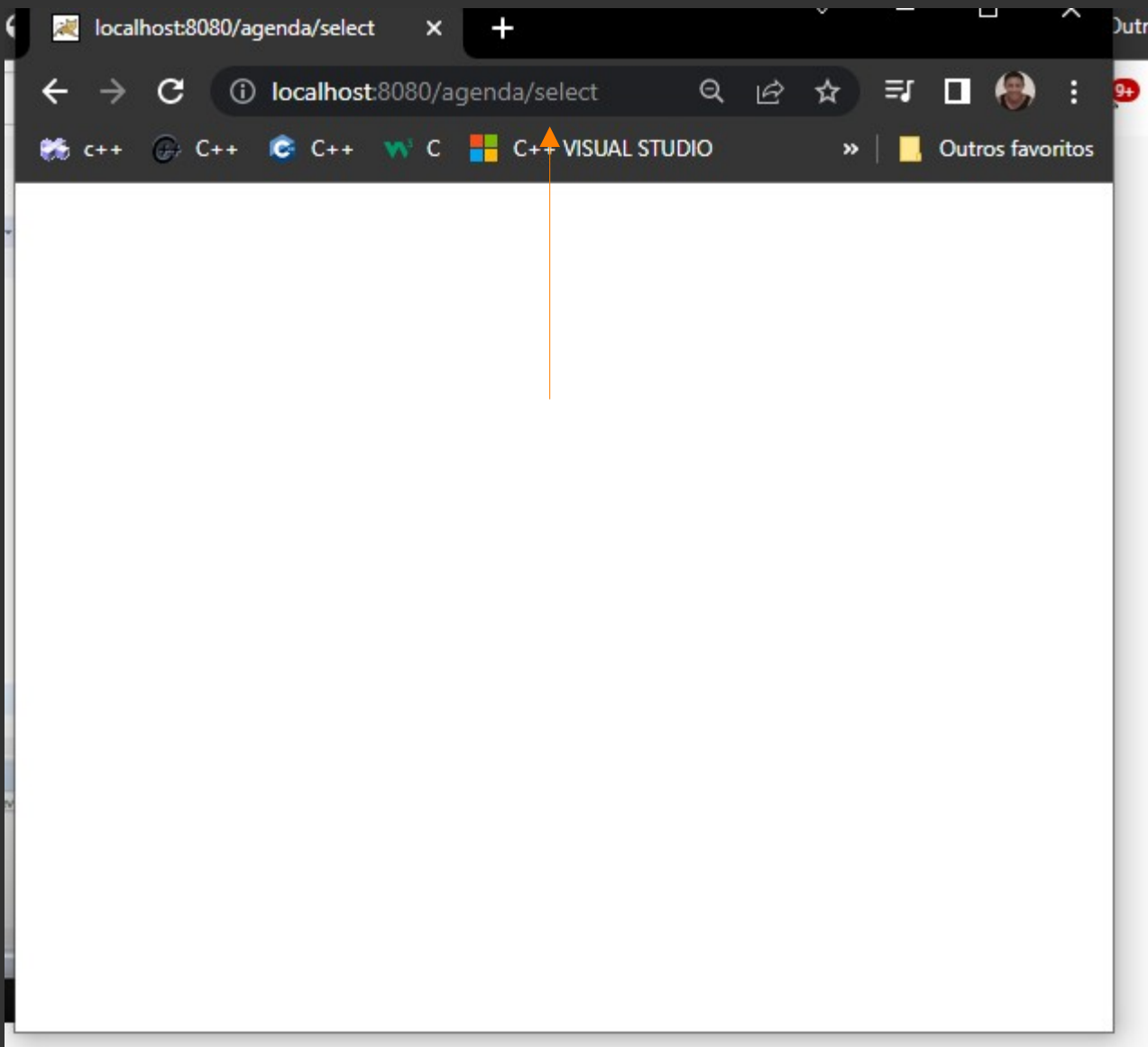
Agenda de Contatos

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

localhost:8080/agenda/select

Quando clicarmos em qualquer botão ele deve exibir /select
No console



**Significa que o servlet esta
Tratando a requisição**

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nov.html | validador.js | Controller.java | *agenda.jsp | index.html | JavaBeans.java | DAO.java | style.css

```
26         <th>E-mail</th>
27         <th>Opções</th>
28     </tr>
29 </thead>
30 <tbody>
31     <%for(int i = 0; i < lista.size(); i++) {%>
32         <tr>
33             <td><%=lista.get(i).getIdcon() %></td>
34             <td><%=lista.get(i).getNome() %></td>
35             <td><%=lista.get(i).getFone() %></td>
36             <td><%=lista.get(i).getEmail() %></td>
37             <td><a href="select?idcon=<%=lista.get(i).getIdcon() %>" c
38         </tr>
39     <%} %>
40 </tbody>
41 </table>
42 </body>
```

Markers Properties Servers Data Source Explorer Snippets Console X

Tomcat v10.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-11.0.11\bin\javaw.exe (18 de jul. de 2022 16:24:54) [pid: 8676]

```
jul 18, 2022 4:24:59 PM org.apache.catalina.startup.Catalina start
INFO: Server startup in [2856] milliseconds
/main
```

eclipse-workspace - agenda/src/main/webapp/agenda.jsp - Eclipse IDE

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```
26
27
28
29
30
31 e(); i++) {%>
32
33 (i).getIdcon() %></td>
34 (i).getNome() %></td>
35 (i).getFone() %></td>
36 (i).getEmail() %></td>
37 ect?idcon=<%=lista.get(i).getIdcon() %>" class="Botao1">Editar</a></td>
38
39
40
41
42
```

Markers Properties Servers Data Source Explorer Snippets Console ×



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

File Edit Source Refactor Navigate Search Project Run Window Help

Project Explorer

agenda
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 > demo
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 > Hello Tomcat
 > Servers

novo.html validador.js Controller.java agenda.jsp index.html JavaBeans.java DAO.java style.css

```
58 contato.setFone(request.getParameter("fone"));
59 contato.setEmail(request.getParameter("email"));
60 // inserir o metodo inserirContato passando o objeto contato
61 dao.inserirContato(contato);
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 }
72 }
73 }
74 }
```

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 (18 de jul. de 2022 16:24:54) [pid: 8676]

jul 18, 2022 4:39:04 PM org.apache.jasper.servlet.TldScanner scanJars

Salve tudo selecione o index.html e execute

eclipse-workspace - agenda/src/main/webapp/index.html - Eclipse IDE

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nov.html | validador.js | Controller.java | agenda.jsp | index.html | JavaBeans.java | DAO.java | style.css

```
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/y
7 <link rel="stylesheet" href="sty
8 </head>
9 <body>
10 
14 </html>
```

Tomcat v10.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-11.0

INFO: Starting ProtocolHandler ["ht
jul 18, 2022 4:41:33 PM org.apache.c
INFO: Server startup in [2781] mill

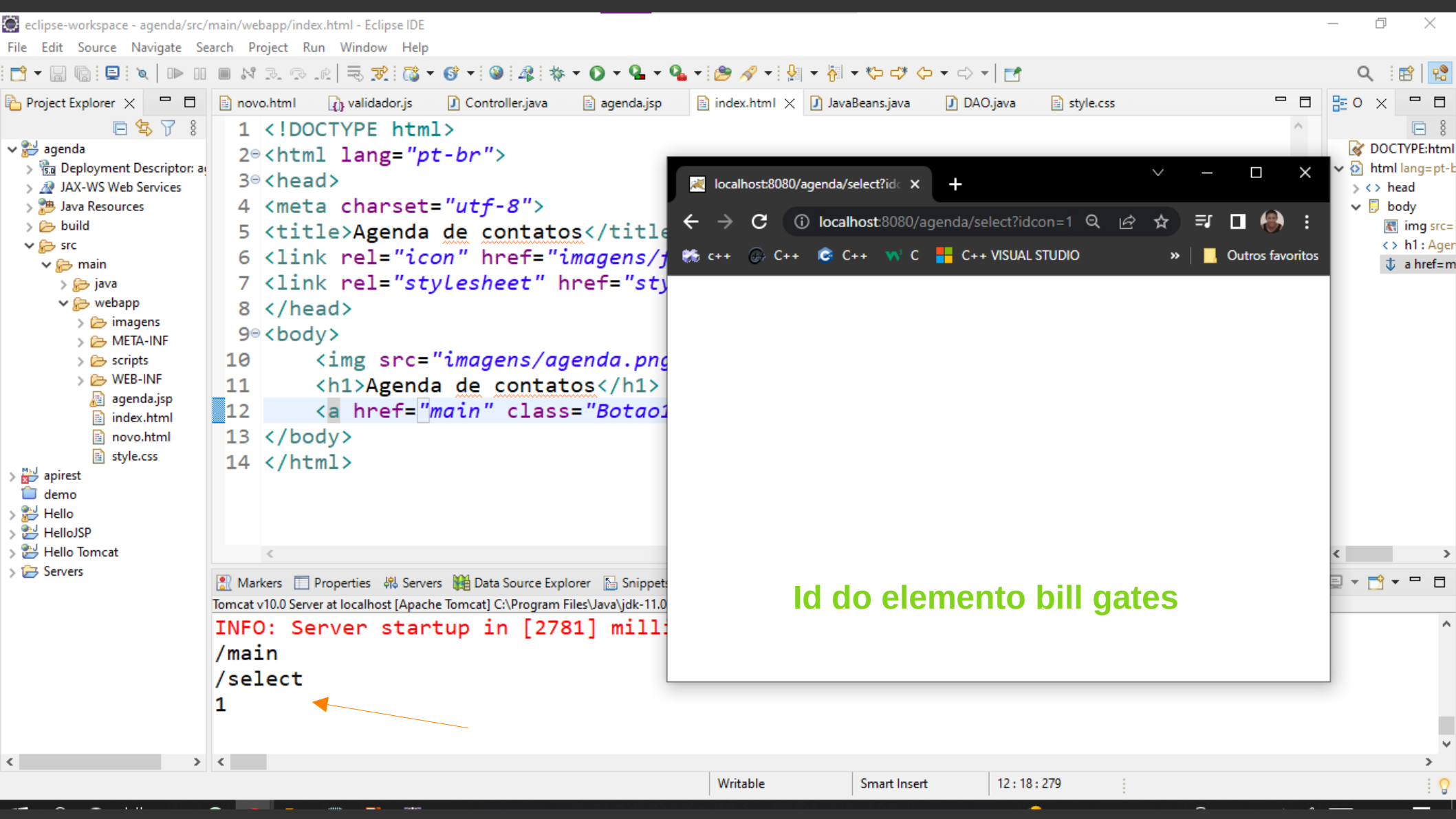
Agenda de Contatos

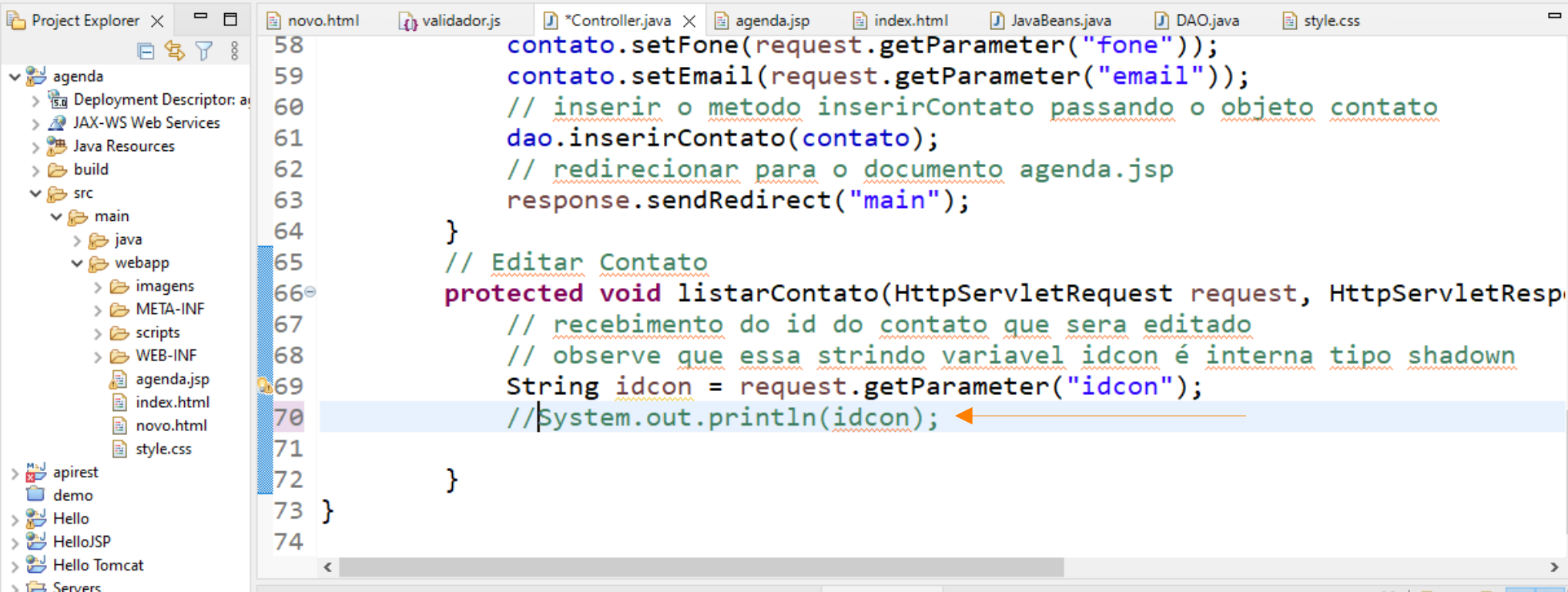
Novo Contato

Id	Nome	Fone	E-mail	Opções
4	Akiles 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

localhost:8080/agenda/select?idco...

Agora quando você selecionar o editar ele deve mostrar no console o id





The screenshot shows the Eclipse IDE interface. On the left is the Project Explorer showing the project structure: agenda, Deployment Descriptor: a..., 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. The main editor displays the file Controller.java with the following code:

```
58 contato.setFone(request.getParameter("fone"));
59 contato.setEmail(request.getParameter("email"));
60 // inserir o metodo inserirContato passando o objeto contato
61 dao.inserirContato(contato);
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 }
72 }
73 }
74 }
```

Line 70, `//System.out.println(idcon);`, is highlighted with a blue background. A red arrow points to this line from the right side of the editor.

Apague ou comente essa linha

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

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

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```
58     contato.setFone(request.getParameter("fone"));
59     contato.setEmail(request.getParameter("email"));
60     // inserir o metodo inserirContato passando o objeto contato
61     dao.inserirContato(contato);
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
74 }
```

Markers Properties Servers Data Source Explorer Snippets Console X

Tomcat v10.0 Server at localhost [Apache Tomcat] C:\Program Files\Java\jdk-11.0.11\bin\javaw.exe (18 de jul. de 2022 16:41:27) [pid: 6260]

at java.base/java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecut

