



ITS INFORMATION
TECHNOLOGY
SCHOOL

VISOKA ŠKOLA STRUKOVNIH STUDIJA ZA IT

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Internet programerski alati

Java web aplikacija "Auto"

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Na ovom času

□ Java web aplikacija „Auto“

- JSP, servlet, Java bean

Java web aplikacija „Auto“

a) Kreirati **klasu Auto** sa :

- parametrima: marka, cena, godište.
- Konstuktorima
- Get i set metodama

b) Kreirati stranicu **index.jsp** sa linkovima na:

- Stranicu unos.jsp.
- ServletAuto sa parametrom ispis=**lista**
- ServletAuto sa parametrom ispis=**jedan** i **br=3**

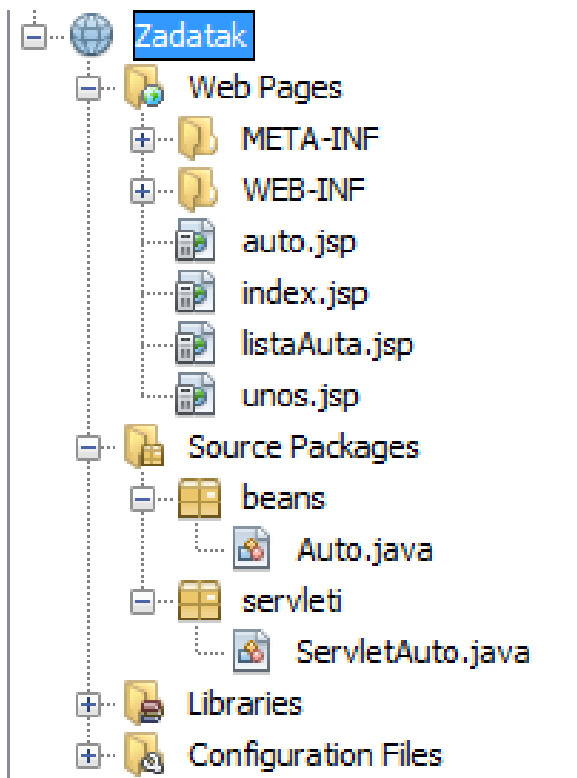
c) Kreirati stranicu **unos.jsp** koja:

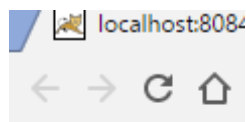
- Sadrži formu za prosleđivanje marke, cene i godišta na ServletAuto post metodom.
- Kupi atribut „msg“ i ispisuje ga ako postoji

Java web aplikacija „Auto“

- d) Kreirati stranicu **auto.jsp** za ispis jednog prosleđenog auta tako što:
- Kupi atribut Auto „auto“.
 - Kreira odgovarajuću tabelu i ispisuje podatke auta
- e) Kreirati stranicu **listaAuta.jsp** za ispis prosleđene liste auta tako što:
- Kupi atribut ArrayList<Auto> „listaAuta“.
 - Kreira odgovarajuću tabelu i ispisuje podatke svih auta
- f) Kreirati servlet **ServletAuto** koji u metodama :
- doPost – kupi parametre sa forme, proverava format cene i godišta, kreira auto i prosleđuje ga na auto.jsp preko imena atributra „auto“
 - doGet – kupi parametar ispis, i ako je ispis jednako:
 - lista – kreira jednu listu auta i prosleđuje je na listaAuta.jsp
 - jedan – kupi parametar br i prosleđuje auto iz liste sa pozicije br na auto.jsp.

Struktura Java web aplikacije





[UNOS](#)
[LISTA](#)
[JEDAN](#)

localhost:8084/Zadatak/ x

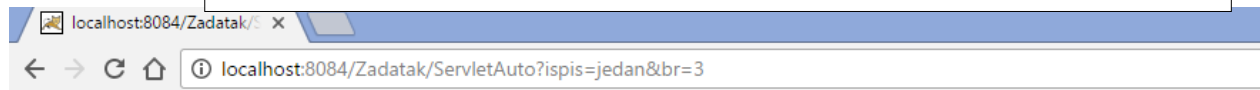
localhost:8084/Zadatak/unos.jsp

MARKA :

CENA :

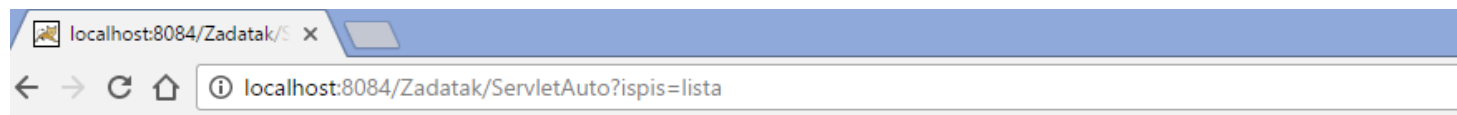
GODISTE :

[pocetna](#)



PODACI O AUTOMOBILU

MARKA	CENA	GODISTE
Audi	4000	2005



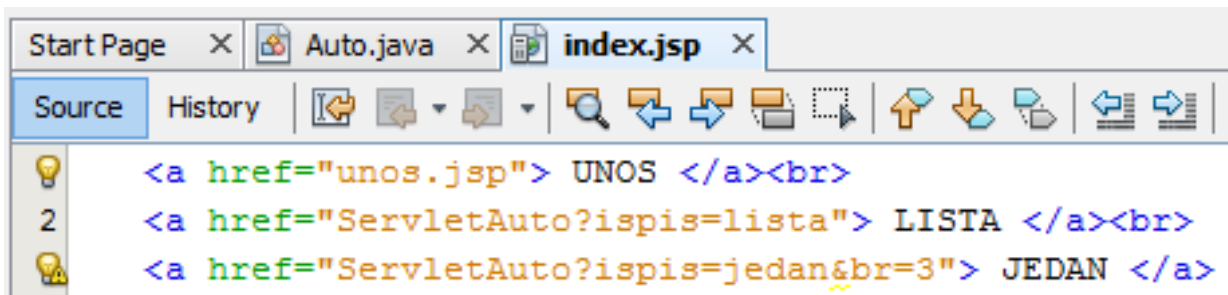
PODACI O AUTOMOBILIMA

MARKA	CENA	GODISTE
Skoda	2000	1998
BMW	5800	2004
Toyota	3500	2002
Audi	4000	2005
Kec	750	1998

Java bean *Auto.java*

```
Start Page x Auto.java x
Source History
1 package beans;
2 public class Auto {
3     private String marka;
4     private int cena;
5     private int godiste;
6
7     public Auto(String marka, int cena, int godiste ) {
8         this.marka = marka;
9         this.cena = cena;
10        this.godiste = godiste;
11    }
12
13    public Auto() {}
14
15    public String getMarka(){ return marka;}
16    public void setMarka(String marka){this.marka = marka;}
17    public int getCena(){return cena;}
18    public void setCena(int cena){this.cena = cena;}
19    public int getGodiste(){return godiste;}
20    public void setGodiste(int godiste){this.godiste = godiste;}
21 }
```

- ❑ **index.jsp** sa linkovima na
Stranicu unos.jsp.
ServletAuto sa parametrom ispis=**lista**
ServletAuto sa parametrom ispis=**jedan** i **br=3**



```
Start Page x Auto.java x index.jsp x
Source History
1 <a href="unos.jsp"> UNOS </a><br>
2 <a href="ServletAuto?ispis=lista"> LISTA </a><br>
3 <a href="ServletAuto?ispis=jedan&br=3"> JEDAN </a>
```


Start Page x Auto.java x index.jsp x unos.jsp x

Source History

```
<form name="myform" action="ServletAuto" method=post>
2 <table>
3   <tr> <th height="25">
4     <td align="right" width="20%"> MARKA :</td>
5     <td><input type="text" name="marka"></td>
6   </tr>
7   <tr> <th height="25">
8     <td align="right" width="20%"> CENA :</td>
9     <td><input type="text" name="cena"></td>
10  </tr>
11  <tr> <th height="25">
12    <td align="right" width="20%"> GODISTE :</td>
13    <td><input type="text" name="godiste"></td>
14  </tr>
15  <tr> <th height="25">
16    <td align="center" width="20%" colspan="2">
17      <input type="submit" name="akcija" value="UNOS">
18    </td>
19  </tr>
20 </table>
```

22
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33
34
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36
37

```
<tr> <th height="25">
    <td colspan="2">
        <a href="index.jsp"> pocetna </a></td>
</tr>
```

```
<%
    String msg = (String) request.getAttribute("msg");
    if (msg != null && msg.length() > 0) {
%>
```

```
<tr> <th height="25">
    <td colspan="2"><%= msg%></td>
</tr>
```

```
<%
    }
%>
```

```
</table>
</form>
```





```
<%@page import="beans.Auto"%>
```

```
<%
```

```
    Auto auto = (beans.Auto) request.getAttribute("auto");
```

```
%>
```

```
<table width="40%" align="center">
```

```
<tr>
```

```
    <td colspan="3" align="center">PODACI O AUTOMOBILU</td>
```

```
</tr>
```

```
<tr align="center">
```

```
    <td>MARKA</td>
```

```
    <td>CENA</td>
```

```
    <td>GODISTE</td>
```

```
</tr>
```

```
<tr align="center">
```

```
    <td><%= auto.getMarka() %></td>
```

```
    <td><%= auto.getCena() %></td>
```

```
    <td><%= auto.getGodiste() %></td>
```

```
</tr>
```

```
</table>
```



Start Page x Auto.java x index.jsp x unos.jsp x auto.jsp x listaAuto.jsp x

Source History

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```
<%@page import="java.util.ArrayList"%>
<%@page import="beans.Auto"%>

<%
    ArrayList<Auto> la = (ArrayList<Auto>) request.getAttribute("listaAuto");
%>

<table width="40%" align="center">
    <tr>
        <td colspan="3" align="center">PODACI O AUTOMOBILIMA</td>
    </tr>
    <tr align="center">
        <td>MARKA</td>
        <td>CENA</td>
        <td>GODISTE</td>
    </tr>
    <%
        for (Auto pom : la) {
    %>
    <tr align="center">
        <td><%=pom.getMarka() %></td>
        <td><%=pom.getCena() %></td>
        <td><%=pom.getGodiste() %></td>
    </tr>
    <%
        }
    %>
</table>
```

Start Page x Auto.java x index.jsp x unos.jsp x auto.jsp x listaAuto.jsp x ServletAuto.java x

Source History

```
1 package servleti;
2
3 import beans.Auto;
4 import java.io.IOException;
5 import java.io.PrintWriter;
6 import java.util.ArrayList;
7 import javax.servlet.ServletException;
8 import javax.servlet.http.HttpServlet;
9 import javax.servlet.http.HttpServletRequest;
10 import javax.servlet.http.HttpServletResponse;
11
12 public class ServletAuto extends HttpServlet {
13
14     protected void doGet(
15         HttpServletRequest req, HttpServletResponse resp)
16         throws ServletException, IOException {
17
18         ArrayList<Auto> la = new ArrayList<Auto>();
19
20         // simuliramo listu od 5 auta
21         la.add(new Auto("Skoda", 2000, 1998));
22         la.add(new Auto("BMW", 5800, 2004));
23         la.add(new Auto("Toyota", 3500, 2002));
24         la.add(new Auto("Audi", 4000, 2005));
25         la.add(new Auto("Kec", 750, 1998));
```



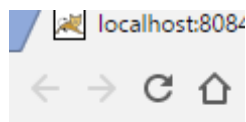
```
26
27     String ispis = req.getParameter("ispis");
28
29     if (ispis != null && ispis.length()>0){
30         if (ispis.equals("lista")){
31             // prosledjivanje liste na ispis
32             req.setAttribute("listaAuta",la);
33             req.getRequestDispatcher("listaAuta.jsp").forward(req, resp);
34         }else if (ispis.equals("jedan")){
35             String br = req.getParameter("br");
36             if (br != null && br.length()>0){
37                 // prosledjivanje auta na ispis
38                 req.setAttribute("auto",la.get(new Integer(br)));
39                 req.getRequestDispatcher("auto.jsp").forward(req, resp);
40             }
41         }
42     }else {
43         req.setAttribute("msg","Parametri nisu dobrog formata !!!");
44         req.getRequestDispatcher("index.jsp").forward(req, resp);
45     }
46 }
47
48 }
49 }// kraj doGet
```

```
50
51
52     HttpServletRequest req, HttpServletResponse resp)
53     throws ServletException, IOException {
54
55     String marka = req.getParameter("marka");
56     String cenaStr = req.getParameter("cena");
57     String godisteStr = req.getParameter("godiste");
58
59     if (marka != null && marka.length()>0 &&
60         cenaStr != null && cenaStr.length()>0 &&
61         godisteStr != null && godisteStr.length()>0) {
62
63         try {
64             int cena = Integer.parseInt(cenaStr);
65             int godiste = Integer.parseInt(godisteStr);
66
67             Auto a = new Auto(marka, cena, godiste);
68
```

```

69         req.setAttribute("auto", a);
70         req.getRequestDispatcher("auto.jsp").forward(req, resp);
71     } catch (Exception e) {
72         req.setAttribute("msg", "Cena, godiste nisu dobrog formata");
73         req.getRequestDispatcher("unos.jsp").forward(req, resp);
74     }
75     }else{
76         req.setAttribute("msg", "morate popuniti sva polja !!!");
77         req.getRequestDispatcher("unos.jsp").forward(req, resp);
78     }
79     } // kraj doPost
80 }
81

```

[UNOS](#)
[LISTA](#)
[JEDAN](#)

localhost:8084/Zadatak/ x

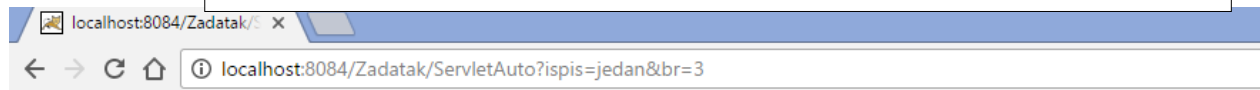
localhost:8084/Zadatak/unos.jsp

MARKA :

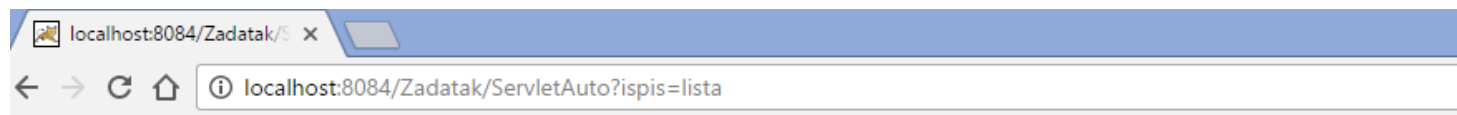
CENA :

GODISTE :

[pocetna](#)



PODACI O AUTOMOBILU		
MARKA	CENA	GODISTE
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MARKA	CENA	GODISTE
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Na sledečem času

 EL jezik