





















Интернет програмирање
Вјежбе – 05 – Сервлети
Лабораторије

- ▼  src/main/java
 - ▼  net.etfbl.etffest.servlets
 - >  First.java
 - >  Fourth.java
 - >  Player.java
 - >  Second.java
 - >  Third.java
 - >  JRE System Library [JavaSE-16]
 - >  Server Runtime [Apache Tomcat v9.0]
 - >  build
- ▼  src
 - ▼  main
 - >  java
 - ▼  webapp
 - >  fajlovi
 - >  META-INF
 - ▼  WEB-INF
 -  lib
 -  web.xml
 -  index.html

First.java

```
package net.etfbl.etffest.servlets;

import java.io.IOException;

/**
 * Servlet implementation class First
 */
public class First extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public First() {
        super();
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        PrintWriter pw=response.getWriter();
        response.setContentType("text/html");
        pw.print("<html><head><meta http-equiv='Content-Type' content='text/html' charset='ISO-8859-1'/><title>First</title></head>");
        pw.print("<body><form method='post' action='Second'>Ime: <input type='text' name='ime'/><br/>");
        pw.print("Prezime: <input type='text' name='prezime'/><br/> Datum rođenja: <input type='text' name='datumRodjenja'/><br/>");
        pw.print("<select name='predmet'><option value='1'>8aze podataka</option><option value='2'>Programski jezici 2</option><option value='3'>Teoretske osnove racunarstva</option></select>");
        pw.print("<input type='submit' value='Dalje'></form></body></html>");
        pw.close();
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        doGet(request, response);
    }
}
```

Second.java

```
package net.etfbl.etffest.servlets;

import java.io.BufferedReader;

/**
 * Servlet implementation class Second
 */
public class Second extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Second() {
        super();
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response)
        throws ServletException, IOException {
    }
}
```

```

protected void doPost(HttpServletRequest request, HttpServletResponse response)
    throws ServletException, IOException {
    PrintWriter pw = response.getWriter();
    response.setContentType("text/html");

    Player p = new Player(request.getParameter("ime"), request.getParameter("prezime"),
        request.getParameter("datumRodjenja"));
    HttpSession session = request.getSession();
    session.setAttribute("igrac", p);
    pw.print(
        "<html><head><meta http-equiv='Content-Type' content='text/html' charset='ISO-8859-1'/><script type='text/javascript'>function second()
String pitanje = \"\", odgovor = \"\";
if (\"1\".equals(request.getParameter(\"predmet\"))) {
    BufferedReader fr = new BufferedReader(
        new InputStreamReader(getServletContext().getResourceAsStream(\"fajlovi/BP.txt\")));
    pitanje = fr.readLine();
    pw.println(pitanje);
    fr = new BufferedReader(
        new InputStreamReader(getServletContext().getResourceAsStream(\"fajlovi/BP - ODGOVOR.txt\")));
    odgovor = fr.readLine();
    fr.close();
    session.setAttribute(\"odgovor\", odgovor);
} else if (\"2\".equals(request.getParameter(\"predmet\"))) {
    BufferedReader fr = new BufferedReader(
        new InputStreamReader(getServletContext().getResourceAsStream(\"fajlovi/PJ2.txt\")));
    pitanje = fr.readLine();
    pw.println(pitanje);
    fr = new BufferedReader(
        new InputStreamReader(getServletContext().getResourceAsStream(\"fajlovi/PJ2 - ODGOVOR.txt\")));
    odgovor = fr.readLine();
    fr.close();
    session.setAttribute(\"odgovor\", odgovor);
} else {
    BufferedReader fr = new BufferedReader(
        new InputStreamReader(getServletContext().getResourceAsStream(\"fajlovi/TOR.txt\")));
    pitanje = fr.readLine();
    pw.println(pitanje);
    fr = new BufferedReader(
        new InputStreamReader(getServletContext().getResourceAsStream(\"fajlovi/TOR - ODGOVOR.txt\")));
    odgovor = fr.readLine();
    fr.close();
    session.setAttribute(\"odgovor\", odgovor);
}
}

```

```

<script type='text/javascript'>function second(){document.getElementById('forma').submit();}</script><title>Second</title></head>";

```

```

        pw.print("<form method='post' action='Third' id='forma'>");
        pw.print("Unesite odgovor: <input type='text' name='odgovorIgrac'>");
        pw.print("<a href='javascript:second()'>Third</a>");
        pw.print("</body></html>");
        pw.close();
    }
}

```

Third.java

```

package net.etfbl.etffest.servlets;

import java.io.IOException;

/**
 * Servlet implementation class Third
 */
public class Third extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Third() {
        super();
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request,
        HttpServletResponse response) throws ServletException, IOException {
        response.sendRedirect("First");
    }
}

```

```

/**
 * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse
 * response)
 */
protected void doPost(HttpServletRequest request,
    HttpServletResponse response) throws ServletException, IOException {
    HttpSession sesija = request.getSession();
    String odgovor = (String) sesija.getAttribute("odgovor");
    PrintWriter pw = response.getWriter();
    response.setContentType("text/html");
    pw.print("<html><head><meta http-equiv='Content-Type' content='text/html' charset='ISO-8859-1'/><script type='text/javascript'>
    if (!request.getParameter(\"odgovorIgrac\").equals(odgovor)) {
        pw.print(\"Odgovor nije tacan!\");
        pw.print(\"<a href='./First'>Pokusajte ponovo!</a>\");
    } else {
        Random r = new Random();
        int slucajan = r.nextInt(20) + 10;
        sesija.setAttribute(\"slucajan\", slucajan);
        Integer brPokusaja = (Integer) sesija.getAttribute(\"brojPokusaja\");
        if (brPokusaja == null) {
            sesija.setAttribute(\"brojPokusaja\", 0);
            brPokusaja = 0;
        }
        if (brPokusaja > 3) {
            response.sendRedirect(\"First\");
        } else {
            pw.print("<form method='post' action='Fourth' id='forma'>");
            pw.print("Unesite cjelobrojnu vrijednost u opsegu od 10 do 30: <input type='text' name='slucajanBroj'>");
            pw.print("<input type='submit' value='Dalje'></form></body></html>");
            pw.close();
        }
    }
}
}

```

```

<script>function second(){document.getElementById('forma').submit();}</script><title>Third</title></head>";

```

Fourth.java

```

package net.etfbl.etffest.servlets;

import java.io.IOException;

/**
 * Servlet implementation class Fourth
 */
public class Fourth extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * @see HttpServlet#HttpServlet()
     */
    public Fourth() {
        super();
    }

    /**
     * @see HttpServlet#doGet(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doGet(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        response.sendRedirect("First");
    }

    /**
     * @see HttpServlet#doPost(HttpServletRequest request, HttpServletResponse response)
     */
    protected void doPost(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException {
        HttpSession sesija=request.getSession();
        Integer p=(Integer)sesija.getAttribute("slucajan");
        PrintWriter pw=response.getWriter();
        response.setContentType("text/html");
        if(Integer.parseInt(request.getParameter("slucajanBroj"))==p){
            pw.print("Vas odgovor je tacan: "+p);
        }else{
            response.sendRedirect("First");
        }
        pw.close();
    }
}

```

Player.java

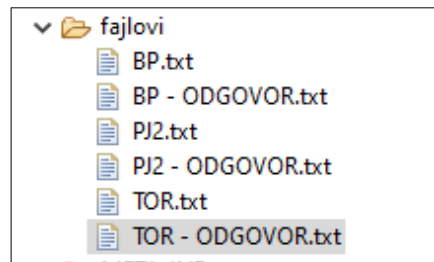
```
package net.etfbl.etffest.servlets;

public class Player {

    public String ime, prezime;
    public String datumRodjenja;

    Player(String a, String c, String d){
        ime=a;
        prezime=c;
        datumRodjenja=d;
    }
}
```

Датотеке



web.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://java.sun.com/xml/ns/javaee"
  <display-name>ETFFest</display-name>
  <welcome-file-list>

    <welcome-file>First</welcome-file>

    <welcome-file>index.html</welcome-file>
    <welcome-file>index.htm</welcome-file>
    <welcome-file>index.jsp</welcome-file>
    <welcome-file>default.html</welcome-file>
    <welcome-file>default.htm</welcome-file>
    <welcome-file>default.jsp</welcome-file>
  </welcome-file-list>
  <servlet>
    <description></description>
    <display-name>First</display-name>
    <servlet-name>First</servlet-name>
    <servlet-class>net.etfbl.etffest.servlets.First</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>First</servlet-name>
    <url-pattern>/First</url-pattern>
  </servlet-mapping>
  <servlet>
    <description></description>
    <display-name>Second</display-name>
    <servlet-name>Second</servlet-name>
    <servlet-class>net.etfbl.etffest.servlets.Second</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>Second</servlet-name>
    <url-pattern>/Second</url-pattern>
  </servlet-mapping>
  <servlet>
    <description></description>
    <display-name>Third</display-name>
    <servlet-name>Third</servlet-name>
    <servlet-class>net.etfbl.etffest.servlets.Third</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>Third</servlet-name>
    <url-pattern>/Third</url-pattern>
  </servlet-mapping>
  </servlet>
```

```

<servlet>
  <description></description>
  <display-name>Fourth</display-name>
  <servlet-name>Fourth</servlet-name>
  <servlet-class>net.etfb1.etffest.servlets.Fourth</servlet-class>
</servlet>
<servlet-mapping>
  <servlet-name>Fourth</servlet-name>
  <url-pattern>/Fourth</url-pattern>
</servlet-mapping>
</web-app>

```

index.html

```

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1">
<title>Lab 5 - 02</title>
</head>
<body>
<form>
  Ime: <input type="text" name="ime"><br/>
  Prezime: <input type="text" name="prezime"><br/>
  Godina rođenja: <input type="text" name="godinaRodjenja"><br/>
  Korisnicko ime: <input type="text" name="korisnickoIme"><br/><input
    type="submit" value="Prijava">
</form></body>
</html>

```

Ime:

Prezime:

Datum rođenja:

Baze podataka ▼ Dalje

Ime:

Prezime:

Datum rođenja:

Programski jezici 2 ▼ Dalje

Ime:

Prezime:

Datum rođenja:

Teoretske osnove računarstva ▼ Dalje

Ime:

Prezime:

Datum rođenja:

Baze podataka ▼ Dalje

Ako imamo tabelu korisnik sa dva polja: korisnicko_ime i lozinka, kako očitati vrijednost lozinke za određeno korisnicko ime?
 Unesite odgovor: [Third](#)

Unesite cjelobrojnu vrijednost u opsegu od 10 do 30: Dalje

Odgovor nije tacan! [Pokusajte ponovo!](#)

```
public class HelloWorld{public static void main(String args[]){System.out.println("Hello world!");}}
```

 Pitanje: Sta je ispis?
 Unesite odgovor: [Third](#)

Ako je dat regularni izraz $3*[5-8]+41$ i ulaz 564741, sta je match?
 Unesite odgovor: [Third](#)