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Отчёт по лабораторной работе № 3
на тему: “Интернационализация Web-приложения”
по дисциплине
“Web-программирование”

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Введение

Целью задания является знакомство со способами отображения данных на различных языках при использовании файлов ресурсов.

Что требуется локализовать

Выделим следующие элементы: заголовок страницы в браузере, заголовок таблицы, название каждой колонки таблицы и время сообщений. Реализуем две локализации: ru(GMT+03), en(GMT+01). При смене локализации будет меняться и часовой пояс для отображаемого времени.

Также не забываем о возможности смены языка через саму страницу, а не только через параметры URL. У списка доступных локализаций должен быть заголовок «Доступные языки» с переводом на все доступные локализации.

Определив сущности, требующие локализации, можем создавать локали.

Скриншоты, иллюстрирующие работу Web-приложения

При переходе к странице без указания параметра lang открывается страница со стандартной локализацией – ru.

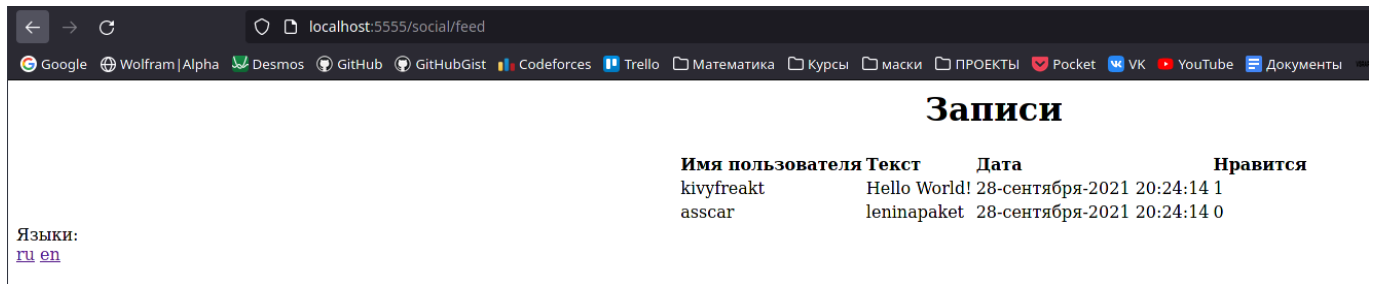


Рисунок 1: Страница `http://localhost:5555/social/feed`

Теперь попробуем сменить локализацию, нажав на соответствующую ссылку на странице:



Рисунок 2: Страница `http://localhost:5555/social/feed?lang=en`

При нажатии ссылки, нас переместило на страницу с параметром `lang=en`. Также можно видеть, что отображаемое время на 2 часа меньше, чем в русской локализации.

Вывод

При выполнении лабораторной работы ознакомились со способами отображения данных на различных языках при использовании файлов ресурсов.

Приложение 1. (Файлы ресурсов)

Feed.properties:

title=[Главная](#)

header=[Записи](#)

username=[Имя пользователя](#)

post=[Текст](#)

date=[Дата](#)

zoneid=GMT+03

likes=[Нравится](#)

locale=[Языки](#)

Feed_en.properties:

title=[Main](#)

header=[Posts](#)

username=[Username](#)

post=[Text](#)

date=[Date](#)

zoneid=GMT+01

likes=[Likes](#)

locale=[Languages](#)

Приложение 2. (Исходный код сервлета)

```
package web;
import java.io.IOException;

import java.io.PrintWriter;
import java.util.Locale;
import java.util.ResourceBundle;
import java.time.LocalDateTime;
import java.time.ZoneId;
import java.time.format.DateTimeFormatter;

import jakarta.servlet.ServletException;
import jakarta.servlet.annotation.WebServlet;
import jakarta.servlet.http.HttpServlet;
import jakarta.servlet.http.HttpServletRequest;
import jakarta.servlet.http.HttpServletResponse;

/**
 * Servlet implementation class Feed
 */
@WebServlet(name = "feedServlet", value = "/feed")
public class Feed extends HttpServlet {
    private static final long serialVersionUID = 1L;

    /**
     * Servlet initialization
     */
    public void init() {
        System.out.println("Init the Posts servlet");
    }

    /**
     * Processes requests for both HTTP GET and POST
     methods.
     *
     * @param request servlet request
     * @param response servlet response
     * @throws ServletException if a servlet-specific error occurs
     * @throws IOException if an I/O error occurs
     */
    protected void processRequest(HttpServletRequest request, HttpServletResponse
response)
        throws ServletException, IOException {

        // Задание типа кодировки для параметров запроса
        request.setCharacterEncoding("utf-8");

        String lang = request.getParameter("lang");

        if (lang == null)
            lang = "ru";

        if (!"en".equalsIgnoreCase(lang) && !"ru".equalsIgnoreCase(lang))
        {
            response.sendError(HttpServletResponse.SC_NOT_ACCEPTABLE, "Параметр lang
может принимать значения en или ru");
            return;
        }

        String username = request.getParameter("username");
        String post = request.getParameter("post");

        // Задание типа содержимого для ответа (в том числе кодировки)
        response.setContentType("text/html; charset=UTF-8");
        // Файлы ресурсов feed.properties, feed_en.properties и feed_ru.properties
    }
}
```



```

// Установка локализации в соответствии с выбором пользователя
ResourceBundle res = ResourceBundle.getBundle("Feed",
"en".equalsIgnoreCase(lang) ? Locale.ENGLISH : Locale.getDefault());
// Получение потока для вывода ответа
PrintWriter out = response.getWriter();
// Время
DateTimeFormatter localeTimeFormatter = DateTimeFormatter.ofPattern("dd-MMMM-
yyyy HH:mm:ss", new Locale(lang));

try {
    // Создание HTML-страницы
    out.println("<html>");
    out.println("<head><title>" + res.getString("title") +
"</title></head>");
    out.println("<body>");
    out.println("<h1 align='center'> " + res.getString("header") + "</h1>");
    out.println("<table align='center'>");
    out.println("<tr><td><b>" + res.getString("username") +
"</b></td><td><b>" + res.getString("post") +
"</b></td><td><b>" + res.getString("date") +
"</b></td><td><b>" + res.getString("likes") + "</b></td></tr>");
    out.println("<tr><td>kivyfreakt</td><td>Hello World!" +
"</td><td>" +
localeTimeFormatter.format(LocalDateTime.now(ZoneId.of(res.getString("zoneid")))) +
"</td><td>1</td></tr>");
    out.println("<tr><td>asscar</td><td>leninapaket" +
"</td><td>" +
localeTimeFormatter.format(LocalDateTime.now(ZoneId.of(res.getString("zoneid")))) +
"</td><td>0</td></tr>");
    if (username != null && post != null) {
        out.println("<tr><td>" + username + "</td><td>" + post +
"</td><td>" +
localeTimeFormatter.format(LocalDateTime.now(ZoneId.of(res.getString("zoneid")))) +
"</td><td>0</td></tr>");
    }

    out.println("</table>");
    // ссылки на возможные локализации
    out.println(res.getString("locale") + ": ");
    out.println("<br><a href='/social/feed?lang=ru'>ru</a>");
    out.println("<a href='/social/feed?lang=en'>en</a>");
    out.println("</body>");
    out.println("</html>");
} finally {
    // Заккрытие потока вывода
    out.close();
}

}

/**
 * Handles the HTTP
 * <code>GET</code> method.
 *
 * @param request servlet request
 * @param response servlet response
 * @throws ServletException if a servlet-specific error occurs
 * @throws IOException if an I/O error occurs
 */
@Override
protected void doGet(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Handles the HTTP
 * <code>POST</code> method.

```

```

*
* @param request servlet request
* @param response servlet response
* @throws ServletException if a servlet-specific error occurs
* @throws IOException if an I/O error occurs
*/
@Override
protected void doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException {
    processRequest(request, response);
}

/**
 * Destroying the servlet
 */
public void destroy() {
    System.out.println("Destroy the Posts servlet");
}
}

```

Приложение 3. (Javadoc)

```
<!DOCTYPE HTML>
<!-- NewPage -->
<html lang "ru">
<head>
<!-- Generated by javadoc (16) on Fri Sep 24 17:34:29 MSK 2021 -->
<title>    </title>
<meta name "viewport" content "width=device-width, initial-scale=1">
<meta http-equiv "Content-Type" content "text/html; charset=utf-8">
<meta name "dc.created" content "2021-09-24">
<meta name "description" content "declaration: package: web, class: Feed">
<meta name "generator" content "javadoc/ClassWriterImpl">
<link rel "stylesheet" type "text/css" href "../stylesheet.css" title "Style">
<link rel "stylesheet" type "text/css" href "../script-dir/jquery-ui.min.css"
title "Style">
<link rel "stylesheet" type "text/css" href "../jquery-ui.overrides.css"
title "Style">
<script type "text/javascript" src "../script.js"></script>
<script type "text/javascript" src "../script-dir/jquery-3.5.1.min.js"></script>
<script type "text/javascript" src "../script-dir/jquery-ui.min.js"></script>
</head>
<body class "class-declaration-page">
<script type "text/javascript">var evenRowColor = "even-row-color";
var oddRowColor = "odd-row-color";
var tableTab = "table-tab";
var activeTableTab = "active-table-tab";
var pathtoroot = "../";
loadScripts(document, 'script');</script>
<noscript>
<div>JavaScript is disabled on your browser </div>
</noscript>
<div class "flex-box">
<header role "banner" class "flex-header">
<nav role "navigation">
<!-- ===== START OF TOP NAVBAR ===== -->
<div class "top-nav" id "navbar.top">
<div class "skip-nav"><a href "#skip.navbar.top" title "Skip navigation links">Skip
navigation</a></div>
<ul id "navbar.top.firstrow" class "nav-list" title "Navigation">
<li><a href "package-summary.html">    </a></li>
<li class "nav-bar-cell1-rev">    </li>
<li><a href "class-use/Feed.html">    </a></li>
<li><a href "package-tree.html">    </a></li>
<li><a href "../index-files/index-1.html"> index </a></li>
<li><a href "../help-doc.html">    </a></li>
</ul>
</div>
<div class "sub-nav">
<div>
<ul class "sub-nav-list">
<li>    &nbsp;</li>
<li>    &nbsp;</li>
<li><a href "#field.summary">    </a>&nbsp;&nbsp;</li>
<li><a href "#constructor.summary">    </a>&nbsp;&nbsp;</li>
<li><a href "#method.summary">    </a></li>
</ul>
<ul class "sub-nav-list">
<li>    &nbsp;</li>
<li><a href "#field.detail">    </a>&nbsp;&nbsp;</li>
<li><a href "#constructor.detail">    </a>&nbsp;&nbsp;</li>
<li><a href "#method.detail">    </a></li>
</ul>
</div>
<div class "nav-list-search"><label for "search"> search </label>
<input type "text" id "search" value "search" disabled "disabled">
```

```

<input type "reset" id "reset" value "reset" disabled "disabled">
</div>
</div>
<!-- ===== END OF TOP NAVBAR ===== -->
<span class "skip-nav" id "skip.navbar.top">
<!-- -->
</span></nav>
</header>
<div class "flex-content">
<main role "main">
<!-- ===== START OF CLASS DATA ===== -->
<div class "header">
<div class "sub-title"><span class "package-label-in-type"> </span>&nbsp;<a
href "package-summary.html"> </a></div>
<h1 title "Class Feed" class "title"> Class Feed </h1>
</div>
<div class "inheritance" title "Inheritance Tree"><a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html" title "class or interface in java.lang" class "external-
link"> </a>
<div class "inheritance">
<div class "inheritance">
<div class "inheritance">
</div>
</div>
</div>
</div>
<section class "description">
<dl class "notes">
<dt>
<code>
<code>
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/io/
Serializable.html" title "class or interface in java.io" class "external-
link">
</code></dd>
</dl>
<hr>
<div class "type-signature"><span
class "annotations">

</span><span class "modifiers">
</span><span class "element-name type-
name-label">
</span>
<span class "extends-implements">
</span></div>

<div class "block">
<dl class "notes">
<dt>
</dt>
<dd><a href "../serialized-form.html#web.Feed">
</a></dd>
</dl>
</section>
<section class "summary">
<ul class "summary-list">
<!-- ===== FIELD SUMMARY ===== -->
<li>
<section class "field-summary" id "field.summary">
<h2>
</h2>
<div class "caption"><span>
</span></div>
<div class "summary-table three-column-summary">
<div class "table-header col-first">
</div>
<div class "table-header col-second">
</div>
<div class "table-header col-last">
</div>
<div class "col-first even-row-color"><code>
</code></div>
<div class "col-second even-row-color"><code><span class "member-name-link"><a
href "#serialVersionUID">
</a></span></code></div>
<div class "col-last even-row-color">&nbsp;</div>
</div>
</section>
</li>

```

```

<!-- ===== CONSTRUCTOR SUMMARY ===== -->
<li>
<section class "constructor-summary" id "constructor.summary">
<h2>                                </h2>
<div class "caption"><span>                                </span></div>
<div class "summary-table two-column-summary">
<div class "table-header col-first">                                </div>
<div class "table-header col-last">                                </div>
<div class "col-constructor-name even-row-color"><code><span class "member-name-link"><a href "#%3Cinit%3E()">                                </a></span> </code></div>
<div class "col-last even-row-color">&nbsp;</div>
</div>
</section>
</li>
<!-- ===== METHOD SUMMARY ===== -->
<li>
<section class "method-summary" id "method.summary">
<h2>                                </h2>
<div id "method-summary-table">
<div class "table-tabs" role "tablist" aria-orientation "horizontal"><button
id "method-summary-table-tab0" role "tab" aria-selected "true" aria-
controls "method-summary-table.tabpanel" tabindex "0" onkeydown "switchTab(event)"
onclick "show('method-summary-table', 'method-summary-table', 3)" class "active-
table-tab">                                </button><button id "method-summary-table-tab2" role "tab"
aria-selected "false" aria-controls "method-summary-table.tabpanel" tabindex "-1"
onkeydown "switchTab(event)" onclick "show('method-summary-table', 'method-summary-
table-tab2', 3)" class "table-tab">                                </button><button id "method-
summary-table-tab4" role "tab" aria-selected "false" aria-controls "method-summary-
table.tabpanel" tabindex "-1" onkeydown "switchTab(event)" onclick "show('method-
summary-table', 'method-summary-table-tab4', 3)" class "table-tab">                                </button></div>
<div id "method-summary-table.tabpanel" role "tabpanel">
<div class "summary-table three-column-summary" aria-labelledby "method-summary-
table-tab0">
<div class "table-header col-first">                                </div>
<div class "table-header col-second">                                </div>
<div class "table-header col-last">                                </div>
<div class "col-first even-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table"><code>                                </code></div>
<div class "col-second even-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table"><code><span class "member-name-link"><a
href "#destroy()">                                </a></span> </code></div>
<div class "col-last even-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table">
<div class "block">                                </div>
</div>
<div class "col-first odd-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table"><code>                                </code></div>
<div class "col-second odd-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table"><code><span class "member-name-link"><a
href "#doGet(jakarta.servlet.http.HttpServletRequest, jakarta.servlet.http.HttpServle
tResponse)">                                </a></span>&#8203;
                                &nbsp;</code></div>
<div class "col-last odd-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table">
<div class "block">
<code>                                </code>
</div>
<div class "col-first even-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table"><code>                                </code></div>
<div class "col-second even-row-color method-summary-table-tab2 method-summary-
table-tab4 method-summary-table"><code><span class "member-name-link"><a
href "#doPost(jakarta.servlet.http.HttpServletRequest, jakarta.servlet.http.HttpServl
etResponse)">                                </a></span>&#8203;
                                &nbsp;</code></div>

```

```

<div class "col-last even-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table">
<div class "block">
  <code>    </code>    </div>
</div>
<div class "col-first odd-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table"><code>    </code></div>
<div class "col-second odd-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table"><code><span class "member-name-link"><a
href "#init()">    </a></span> </code></div>
<div class "col-last odd-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table">
<div class "block">                                </div>
</div>
<div class "col-first even-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table"><code>                                </code></div>
<div class "col-second even-row-color method-summary-table-tab2 method-summary-
table-tab4 method-summary-table"><code><span class "member-name-link"><a
href "#processRequest(jakarta.servlet.http.HttpServletRequest,jakarta.servlet.http.H
ttpServletResponse)">                                </a></span>&#8203;
&nbsp;
&nbsp;                                </code></div>
<div class "col-last even-row-color method-summary-table-tab2 method-summary-table-
tab4 method-summary-table">
<div class "block">                                <code>    </code>    and
<code>    </code>    </div>
</div>
</div>
</div>
</div>
<div class "inherited-list">
<h3 id "methods.inherited.from.class.jakarta.servlet.http.HttpServlet">Methods
inherited from class jakarta.servlet.http.HttpServlet
&nbsp;                                </h3>
<code>
    </code></div>
<div class "inherited-list">
<h3 id "methods.inherited.from.class.jakarta.servlet.GenericServlet">Methods
inherited from class jakarta.servlet.GenericServlet
&nbsp;                                </h3>
<code>
    </code>    In the same package, getServletInfo(), getServletContext(),
getServlet() are inherited from class jakarta.servlet.GenericServlet
    </code></div>
<div class "inherited-list">
<h3 id "methods.inherited.from.class.java.lang.Object">Methods inherited from
class java.lang.Object
&nbsp;                                <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html" title "class or interface in java.lang" class "external-
link">    </a></h3>
<code><a href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/
lang/Object.html#clone()" title "class or interface in java.lang" class "external-
link">    </a> <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#equals(java.lang.Object)" title "class or interface in java.lang"
class "external-link">    </a> <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#finalize()" title "class or interface in java.lang" class "external-
link">    </a> <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#getClass()" title "class or interface in java.lang" class "external-
link">    </a> <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#hashCode()" title "class or interface in java.lang" class "external-
link">    </a> <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#notify()" title "class or interface in java.lang" class "external-
link">    </a> <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#notifyAll()" title "class or interface in java.lang" class "external-
link">    </a> <a

```

```

href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#toString()" title "class or interface in java.lang" class "external-
link">      </a> <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#wait()" title "class or interface in java.lang" class "external-
link">      </a> <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#wait(long)" title "class or interface in java.lang" class "external-
link">      </a> <a
href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/lang/
Object.html#wait(long,int)" title "class or interface in java.lang" class "external-
link">      </a></code></div>
</section>
</li>
</ul>
</section>
<section class "details">
<ul class "details-list">
<!-- ===== FIELD DETAIL ===== -->
<li>
<section class "field-details" id "field.detail">
<h2>      </h2>
<ul class "member-list">
<li>
<section class "detail" id "serialVersionUID">
<h3>      </h3>
<div class "member-signature"><span class "modifiers">      </span><span class "return-type">      </span><span class "element-
name">      </span></div>
<dl class "notes">
<dt>      </dt>
<dd><a href "../constant-values.html#web.Feed.serialVersionUID">Constant Field
      </a></dd>
</dl>
</section>
</li>
</ul>
</section>
</li>
<!-- ===== CONSTRUCTOR DETAIL ===== -->
<li>
<section class "constructor-details" id "constructor.detail">
<h2>      </h2>
<ul class "member-list">
<li>
<section class "detail" id "<init>()">
<h3>      </h3>
<div class "member-signature"><span class "modifiers">public </span><span
class "element-name">    </span> </div>
</section>
</li>
</ul>
</section>
</li>
<!-- ===== METHOD DETAIL ===== -->
<li>
<section class "method-details" id "method.detail">
<h2>      </h2>
<ul class "member-list">
<li>
<section class "detail" id "init()">
<h3>      </h3>
<div class "member-signature"><span class "modifiers">public </span><span
class "return-type">    </span><span class "element-name">    </span> </div>
<div class "block">        </div>
<dl class "notes">
<dt>        </dt>

```



```

<dd><code>    </code>&nbsp;</dd>
    &nbsp;<code>    </code></dd>
</dl>
</section>
</li>
<li>
<section class "detail"
id "processRequest(jakarta.servlet.http.HttpServletRequest,jakarta.servlet.http.Http
ServletResponse)">
<h3>    </h3>
<div class "member-signature"><span class "modifiers">    </span>&nbsp;<span
class "return-type">    </span>&nbsp;<span class "element-
name">    </span>&#8203;<span
class "parameters">    &nbsp;<span
class "exceptions">
<a href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/io/
IOException.html" title "class or interface in java.io" class "external-
link">    </a></span></div>
<div class "block">
<code>    </code>
<dl class "notes">
<dt>    </dt>
<dd><code>    </code>    </dd>
<dd><code>    </code>    </dd>
<dt>    </dt>
<dd><code>    </code>
</dd>
<dd><code><a href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/
java/io/IOException.html" title "class or interface in java.io" class "external-
link">    </a></code>
</dd>
</dl>
</section>
</li>
<li>
<section class "detail"
id "doGet(jakarta.servlet.http.HttpServletRequest,jakarta.servlet.http.HttpServletRe
sponse)">
<h3>    </h3>
<div class "member-signature"><span class "modifiers">    </span>&nbsp;<span
class "return-type">    </span>&nbsp;<span class "element-
name">    </span>&#8203;<span
class "parameters">    &nbsp;<span
class "exceptions">
<a href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/io/
IOException.html" title "class or interface in java.io" class "external-
link">    </a></span></div>
<div class "block">
<code>    </code>
<dl class "notes">
<dt>    </dt>
<dd><code>    </code>&nbsp;<code>
&nbsp;<code>
</code></dd>
<dt>    </dt>
<dd><code>    </code>    </dd>
<dd><code>    </code>    </dd>
<dt>    </dt>
<dd><code>    </code>
</dd>
<dd><code><a href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/
java/io/IOException.html" title "class or interface in java.io" class "external-
link">    </a></code>
</dd>
</dl>
</section>
</li>

```



```

</li>
<section class "detail"
id "doPost(jakarta.servlet.http.HttpServletRequest,jakarta.servlet.http.HttpServletR
esponse)">
<h3>        </h3>
<div class "member-signature"><span class "modifiers">protected </span><span
class "return-type">void </span><span class "element-
name">doPost </span><span>(<span>jakarta.servlet.http.HttpServletRequest,
jakarta.servlet.http.HttpServletResponse</span><span> response</span>
<span class "parameters"><span>jakarta.servlet.http.HttpServletRequest request,
jakarta.servlet.http.HttpServletResponse response</span><span>
<span class "exceptions"><span>jakarta.servlet.ServletException</span>
</span></div>
<a href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/java/io/
IOException.html" title "class or interface in java.io" class "external-
link">IOException </a></span></div>
<div class "block">
<code>doPost(HttpServletRequest request, HttpServletResponse response)
throws ServletException, IOException</code> </div>
<dl class "notes">
<dt>Description</dt>
<dd><code>doPost</code> is a servlet-specific method that is used to process
POST requests. It is a servlet-specific error if a servlet-specific error
occurs. </dd>
<dd><code><a href "https://docs.oracle.com/en/java/javase/16/docs/api/java.base/
java/io/IOException.html" title "class or interface in java.io" class "external-
link">IOException</a></code> is a checked exception that is thrown if an I/O error occurs. </dd>
</dl>
</section>
</li>
<li>
<section class "detail" id "destroy()">
<h3>        </h3>
<div class "member-signature"><span class "modifiers">public </span><span
class "return-type">void </span><span class "element-
name">destroy </span></div>
<div class "block">
<code>destroy() </code> </div>
<dl class "notes">
<dt>Description</dt>
<dd><code>destroy</code> is a method that is used to destroy the servlet. It is a
servlet-specific error if a servlet-specific error occurs. </dd>
<dd><code><span>jakarta.servlet.ServletException</span></code> is a checked exception
that is thrown if a servlet-specific error occurs. </dd>
</dl>
</section>
</li>
</ul>
</section>
</li>
</ul>
</section>
<!-- ===== END OF CLASS DATA ===== -->
</main>
</div>
</div>
</body>
</html>

```