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**Отчёт по лабораторной работе № 2
на тему: “Построение Web-приложений с
использованием технологии сервлетов”
по дисциплине
“Web-программирование”**

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Введение

Целью задания является знакомство с технологией построения Web-приложений на основе сервлетов в среде разработки Eclipse.

Предметная область: Социальная сеть для публикация коротких заметок в формате блога.

Разработка сервлета

Основной страницей приложения решено было выбрать страницу с записями всех пользователей. Позже функционал будет расширен.

Для удобства сначала начала сделаем вывод постов в формате таблицы по URL запросу `http://localhost:5555/social/Feed`, также добавим возможность передать параметры запроса “`?username=...&post=...`”, позволяющие создать новую короткую заметку.

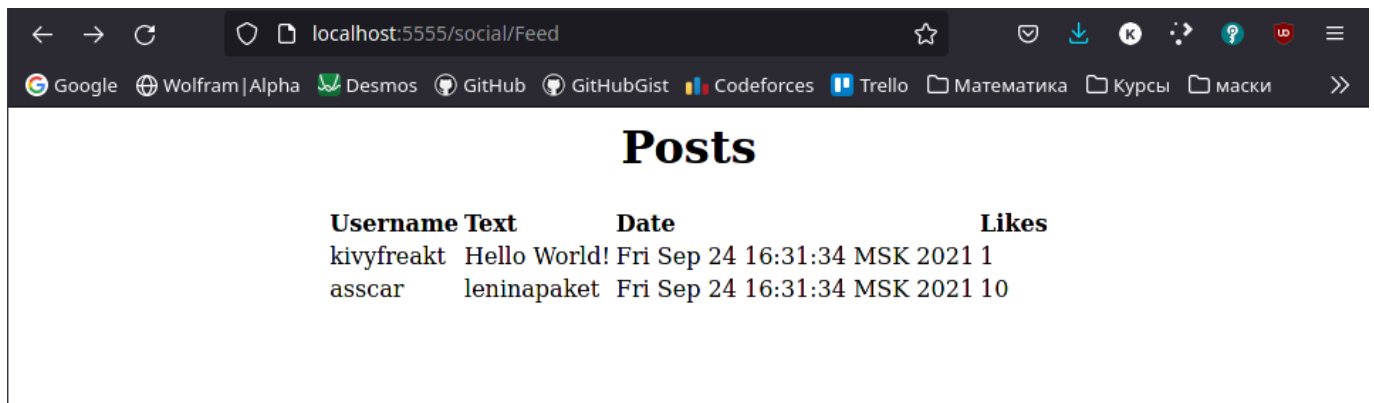


Рисунок 1: Запрос `http://localhost:5555/social/Feed`

Теперь проверим возможность добавление нового поста, передадим параметры «`?username=test&post=teststring`».



Рисунок 2: Запрос `http://localhost:5555/social/Feed?username=test&post=teststring`

В данном сервлете реализован лишь метод `doGet` для отправки запроса к серверу, с исходным кодом сервлета можно ознакомиться в Приложении 1.

Вывод

При выполнении лабораторной работы ознакомились с технологией построения Web-приложений на основе сервлетов в среде разработки Eclipse. На основе выбранной предметной области реализовали простейшую соцсеть для публикации коротких заметок, в который можно добавить один пост передавая динамические параметры запроса.

Приложение 1. (Исходный код сервлета)

```
package web;

import java.io.IOException;
import java.io.PrintWriter;
import java.util.Date;

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");
        // Чтение параметра name из запроса
        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");
        // Получение потока для вывода ответа
        PrintWriter out = response.getWriter();

        try {
            // Создание HTML-страницы
            out.println("<html>");
            out.println("<head><title>MAIN</title></head>");
            out.println("<body>");
            out.println("<h1 align='center'>Posts</h1>");
            out.println("<table align='center'>");
            out.println("<tr><td><b>Username</b></td><td><b>Text " +
                "</b></td><td><b>Date</b></td><td><b>Likes</b></td></tr>");
            out.println("<tr><td>kivyfreakt</td><td>Hello World!" +
                "</td><td>" + new Date() + "</td><td>1</td></tr>");
            out.println("<tr><td>asscar</td><td>leninapaket" +
                "</td><td>" + new Date() + "</td><td>0</td></tr>");
            if (username != null && post != null) {
                out.println("<tr><td>" + username + "</td><td>" + post +
                    "</td><td>" + new Date() + "</td><td>0</td></tr>");
            }
        }
    }
}
```

```

        }
        out.println("</table>");
        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 2. (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/j2ee"
xmlns:web="http://java.sun.com/xml/ns/javaee"
xsi:schemaLocation="http://java.sun.com/xml/ns/j2ee
http://java.sun.com/xml/ns/j2ee/web-app_2_4.xsd http://java.sun.com/xml/ns/javaee
http://xmlns.jcp.org/xml/ns/javaee" id="WebApp_ID" version="2.5">
  <display-name>social</display-name>
  <welcome-file-list>
    <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>Feed</display-name>
    <servlet-name>Feed</servlet-name>
    <servlet-class>web.Feed</servlet-class>
  </servlet>
  <servlet-mapping>
    <servlet-name>Feed</servlet-name>
    <url-pattern>/Feed</url-pattern>
  </servlet-mapping>
</web-app>
```


Приложение 3. (Javadoc)

```
<!DOCTYPE HTML>
<!-- NewPage -->
<html lang="ru">
<head>
<!-- Generated by javadoc (16) on Fri Sep 24 17:34:29 MSK 2021 -->
<title>Feed</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
links</a></div>
<ul id="navbar.top.firstrow" class="nav-list" title="Navigation">
<li><a href="package-summary.html">Package</a></li>
<li class="nav-bar-cell1-rev">Class</li>
```

```

<li><a href="class-use/Feed.html">Use</a></li>
<li><a href="package-tree.html">Tree</a></li>
<li><a href=" ../index-files/index-1.html">Index</a></li>
<li><a href=" ../help-doc.html">Help</a></li>
</ul>
</div>
<div class="sub-nav">
<div>
<ul class="sub-nav-list">
<li>Summary:&nbsp;</li>
<li>Nested&nbsp;</li>
<li><a href="#field.summary">Field</a>&nbsp;</li>
<li><a href="#constructor.summary">Constr</a>&nbsp;</li>
<li><a href="#method.summary">Method</a></li>
</ul>
<ul class="sub-nav-list">
<li>Detail:&nbsp;</li>
<li><a href="#field.detail">Field</a>&nbsp;</li>
<li><a href="#constructor.detail">Constr</a>&nbsp;</li>
<li><a href="#method.detail">Method</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">Package</span>&nbsp;<a href="package-summary.html">web</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">java.lang.Object</a>

<div class="inheritance">jakarta.servlet.GenericServlet

<div class="inheritance">jakarta.servlet.http.HttpServlet

<div class="inheritance">web.Feed</div>

</div>

</div>

</div>

<section class="description">
<dl class="notes">
<dt>All Implemented Interfaces:</dt>
<dd><code>jakarta.servlet.Servlet</code>, <code>jakarta.servlet.ServletConfig</code>, <code><a
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">Serializable</a></code></dd>
</dl>
<hr>
<div class="type-signature"><span class="annotations">@WebServlet(name="feedServlet",
value="/feed")
</span><span class="modifiers">public class </span><span class="element-name type-name-
label">Feed</span>
<span class="extends-implements">extends jakarta.servlet.http.HttpServlet</span></div>
<div class="block">Servlet implementation class Feed</div>
<dl class="notes">
<dt>See Also:</dt>
<dd><a href=" ../serialized-form.html#web.Feed">Serialized Form</a></dd>
</dl>
</section>
<section class="summary">
<ul class="summary-list">
<!-- ===== FIELD SUMMARY ===== -->
<li>
<section class="field-summary" id="field.summary">
<h2>Field Summary</h2>
<div class="caption"><span>Fields</span></div>
<div class="summary-table three-column-summary">
<div class="table-header col-first">Modifier and Type</div>
<div class="table-header col-second">Field</div>
<div class="table-header col-last">Description</div>
<div class="col-first even-row-color"><code>private static long</code></div>

```

```

<div class="col-second even-row-color"><code><span class="member-name-link"><a href="#serialVersionUID">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>Constructor Summary</h2>
<div class="caption"><span>Constructors</span></div>
<div class="summary-table two-column-summary">
<div class="table-header col-first">Constructor</div>
<div class="table-header col-last">Description</div>
<div class="col-constructor-name even-row-color"><code><span class="member-name-link"><a href="#%3Cinit%3E()">Feed</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>Method Summary</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">All Methods</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">Instance Methods</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">Concrete Methods</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">Modifier and Type</div>
<div class="table-header col-second">Method</div>
<div class="table-header col-last">Description</div>
<div class="col-first even-row-color method-summary-table-tab2 method-summary-table-tab4 method-summary-table"><code>void</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()">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">Destroying the servlet</div>

</div>

<div class="col-first odd-row-color method-summary-table-tab2 method-summary-table-tab4 method-
summary-table"><code>protected void</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.HttpServletResponse)">doGet</
a></span>&#8203;(jakarta.servlet.http.HttpServletRequest&nbsp;request,
jakarta.servlet.http.HttpServletResponse&nbsp;response)</code></div>

<div class="col-last odd-row-color method-summary-table-tab2 method-summary-table-tab4 method-
summary-table">

<div class="block">Handles the HTTP

<code>GET</code> method.</div>

</div>

<div class="col-first even-row-color method-summary-table-tab2 method-summary-table-tab4 method-
summary-table"><code>protected void</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.HttpServletResponse)">doPost
</a></span>&#8203;(jakarta.servlet.http.HttpServletRequest&nbsp;request,
jakarta.servlet.http.HttpServletResponse&nbsp;response)</code></div>

<div class="col-last even-row-color method-summary-table-tab2 method-summary-table-tab4 method-
summary-table">

<div class="block">Handles the HTTP

<code>POST</code> method.</div>

</div>

<div class="col-first odd-row-color method-summary-table-tab2 method-summary-table-tab4 method-
summary-table"><code>void</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()">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">Servlet initialization</div>

</div>

<div class="col-first even-row-color method-summary-table-tab2 method-summary-table-tab4 method-
summary-table"><code>protected void</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.HttpServletResponse)"
>processRequest</a></span>&#8203;(jakarta.servlet.http.HttpServletRequest&nbsp;request,

```

```

jakarta.servlet.http.HttpServletResponse&nbsp;response)</code></div>
<div class="col-last even-row-color method-summary-table-tab2 method-summary-table-tab4 method-
summary-table">
<div class="block">Processes requests for both HTTP <code>GET</code> and <code>POST</code>
methods.</div>
</div>
</div>
</div>
</div>
<div class="inherited-list">
<h3 id="methods.inherited.from.class.jakarta.servlet.http.HttpServlet">Methods inherited from
class&nbsp;jakarta.servlet.http.HttpServlet</h3>
<code>doDelete, doHead, doOptions, doPut, doTrace, getLastModified, service, service</code></div>
<div class="inherited-list">
<h3 id="methods.inherited.from.class.jakarta.servlet.GenericServlet">Methods inherited from
class&nbsp;jakarta.servlet.GenericServlet</h3>
<code>getInitParameter, getInitParameterNames, getServletConfig, getServletContext, getServletInfo,
getServletName, init, log</code></div>
<div class="inherited-list">
<h3 id="methods.inherited.from.class.java.lang.Object">Methods inherited from class&nbsp;java.lang.<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">Object</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">clone</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">equals</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">finalize</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">getClass</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">hashCode</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">notify</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">notifyAll</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">toString</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">wait</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">wait</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">wait</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>Field Details</h2>
<ul class="member-list">
<li>
<section class="detail" id="serialVersionUID">
<h3>serialVersionUID</h3>
<div class="member-signature"><span class="modifiers">private static final</span>&nbsp;<span
class="return-type">long</span>&nbsp;<span class="element-name">serialVersionUID</span></div>
<dl class="notes">
<dt>See Also:</dt>
<dd><a href=" ../constant-values.html#web.Feed.serialVersionUID">Constant Field Values</a></dd>
</dl>
</section>
</li>
</ul>
</section>
</li>
<!-- ===== CONSTRUCTOR DETAIL ===== -->
<li>
<section class="constructor-details" id="constructor.detail">
<h2>Constructor Details</h2>
<ul class="member-list">
<li>
<section class="detail" id="&lt;init&gt;()">
<h3>Feed</h3>
<div class="member-signature"><span class="modifiers">public</span>&nbsp;<span class="element-
name">Feed</span>()</div>
</section>
</li>
</ul>
</section>
</li>
<!-- ===== METHOD DETAIL ===== -->
<li>
<section class="method-details" id="method.detail">
<h2>Method Details</h2>

```

```

<ul class="member-list">
<li>
<section class="detail" id="init()">
<h3>init</h3>
<div class="member-signature"><span class="modifiers">public</span>&nbsp;<span class="return-
type">void</span>&nbsp;<span class="element-name">init</span>()</div>
<div class="block">Servlet initialization</div>
<dl class="notes">
<dt>Overrides:</dt>
<dd><code>init</code>&nbsp;in class&nbsp;<code>jakarta.servlet.GenericServlet</code></dd>
</dl>
</section>
</li>
<li>
<section class="detail"
id="processRequest(jakarta.servlet.http.HttpServletRequest,jakarta.servlet.http.HttpServletResponse)">
<h3>processRequest</h3>
<div class="member-signature"><span class="modifiers">protected</span>&nbsp;<span class="return-
type">void</span>&nbsp;<span class="element-name">processRequest</span>&#8203;<span
class="parameters">(jakarta.servlet.http.HttpServletRequest&nbsp;&nbsp;request,
jakarta.servlet.http.HttpServletResponse&nbsp;&nbsp;response)</span>
throws <span class="exceptions">jakarta.servlet.ServletException,
<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">Processes requests for both HTTP <code>GET</code> and <code>POST</code>
methods.</div>
<dl class="notes">
<dt>Parameters:</dt>
<dd><code>request</code> - servlet request</dd>
<dd><code>response</code> - servlet response</dd>
<dt>Throws:</dt>
<dd><code>jakarta.servlet.ServletException</code> - 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> - if
an I/O error occurs</dd>
</dl>
</section>
</li>
<li>
<section class="detail"
id="doGet(jakarta.servlet.http.HttpServletRequest,jakarta.servlet.http.HttpServletResponse)">
<h3>doGet</h3>

```



```

<div class="member-signature"><span class="modifiers">protected</span>&nbsp;<span class="return-
type">void</span>&nbsp;<span class="element-name">doGet</span>&#8203;<span
class="parameters">(jakarta.servlet.http.HttpServletRequest&nbsp;request,
jakarta.servlet.http.HttpServletResponse&nbsp;response)</span>
    throws <span class="exceptions">jakarta.servlet.ServletException,
<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">Handles the HTTP
    <code>GET</code> method.</div>
<dl class="notes">
<dt>Overrides:</dt>
<dd><code>doGet</code>&nbsp;in class&nbsp;<code>jakarta.servlet.http.HttpServlet</code></dd>
<dt>Parameters:</dt>
<dd><code>request</code> - servlet request</dd>
<dd><code>response</code> - servlet response</dd>
<dt>Throws:</dt>
<dd><code>jakarta.servlet.ServletException</code> - 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> - if
an I/O error occurs</dd>
</dl>
</section>
</li>
<li>
<section class="detail"
id="doPost(jakarta.servlet.http.HttpServletRequest,jakarta.servlet.http.HttpServletResponse)">
<h3>doPost</h3>
<div class="member-signature"><span class="modifiers">protected</span>&nbsp;<span class="return-
type">void</span>&nbsp;<span class="element-name">doPost</span>&#8203;<span
class="parameters">(jakarta.servlet.http.HttpServletRequest&nbsp;request,
jakarta.servlet.http.HttpServletResponse&nbsp;response)</span>
    throws <span class="exceptions">jakarta.servlet.ServletException,
<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">Handles the HTTP
    <code>POST</code> method.</div>
<dl class="notes">
<dt>Overrides:</dt>
<dd><code>doPost</code>&nbsp;in class&nbsp;<code>jakarta.servlet.http.HttpServlet</code></dd>
<dt>Parameters:</dt>
<dd><code>request</code> - servlet request</dd>
<dd><code>response</code> - servlet response</dd>

```

```

<dt>Throws:</dt>
<dd><code>jakarta.servlet.ServletException</code> - 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> - if
an I/O error occurs</dd>
</dl>
</section>
</li>
<li>
<section class="detail" id="destroy()">
<h3>destroy</h3>
<div class="member-signature"><span class="modifiers">public</span>&nbsp;<span class="return-
type">void</span>&nbsp;<span class="element-name">destroy</span>()</div>
<div class="block">Destroying the servlet</div>
<dl class="notes">
<dt>Specified by:</dt>
<dd><code>destroy</code>&nbsp;<code>jakarta.servlet.Servlet</code></dd>
<dt>Overrides:</dt>
<dd><code>destroy</code>&nbsp;<code>jakarta.servlet.GenericServlet</code></dd>
</dl>
</section>
</li>
</ul>
</section>
</li>
</ul>
</section>
<!-- ===== END OF CLASS DATA ===== -->
</main>
</div>
</div>
</body>
</html>

```