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**servlet web**

1 message

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To: Aumrudh Lal Kumar TJ <aumrudhmepco@gmail.com>

25 March 2021 at 17:59

Script started on Wednesday 24 March 2021 02:32:14 PM IST

//Aumrudh lal Kumar TJ  
//Ex 7 - Servlet

//Sorting Number

```
<!DOCTYPE html>
<!--
To change this license header, choose License Headers in Project Properties.
To change this template file, choose Tools | Templates
and open the template in the editor.
-->
<html>
<head>
<title>Sort</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>
<div></div>
<form action="Sort" method="post">
Enter the 5 numbers (separate using ,) <br>
<input type="text" name="p">
<input type="submit">
</form>
</body>
</html>
```

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
```

```
import java.io.IOException;
import java.io.PrintWriter;
import static java.lang.Integer.parseInt;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```
/**
 *
 * @author Web-Tech-Lab
 */
public class Sort extends HttpServlet {
```

// &lt;editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code."&gt;

```

/**
 * 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 {
    System.out.print("f");
}

/**
 * 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 {
    response.setContentType("text/html;charset=UTF-8");
    try (PrintWriter out = response.getWriter()) {
        /* TODO output your page here. You may use following sample code. */
        out.println("<!DOCTYPE html>");
        out.println("<html>");
        out.println("<head>");
        out.println("<title>Servlet Sort</title>");
        out.println("</head>");
        out.println("<body>");
        out.println("<p>" + "Sorterd numbers" + "</p>");
        String val=request.getParameter("p");
        String arr[]=val.split(",",5);
        int mySorted[]=new int[5];
        for(int i=0;i<arr.length;i++){
            mySorted[i]=Integer.parseInt(arr[i]);
        }
        for (int i = 0; i < mySorted.length; i++) {
            for (int j = i+1; j < mySorted.length; j++) {
                if(mySorted[i] > mySorted[j]) {
                    int temp = mySorted[i];
                    mySorted[i] = mySorted[j];
                    mySorted[j] = temp;
                }
            }
        }
        for ( int i = 0; i < mySorted.length; i++) {
            out.println("<span>" +mySorted[i]+ "</span>");
        }
        System.out.print("f");
        out.println("</body>");
        out.println("</html>");
    }
}

/**
 * Returns a short description of the servlet.
 *
 * @return a String containing servlet description
 */

```

```
@Override
public String getServletInfo() {
return "Short description";
} // </editor-fold>

}
```

```
// pgm 2 header fields
```

```
<!DOCTYPE html>
<!--
To change this license header, choose License Headers in Project Properties.
To change this template file, choose Tools | Templates
and open the template in the editor.
-->
<html>
<head>
<title>TODO supply a title</title>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
</head>
<body>
<form action="Header_Demo" method="post">
<input type="submit">
</form>

</body>
</html>
```

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
```

```
import java.io.IOException;
import java.io.PrintWriter;
import java.util.Enumeration;
import javax.servlet.ServletException;
import javax.servlet.http.HttpServlet;
import javax.servlet.http.HttpServletRequest;
import javax.servlet.http.HttpServletResponse;
```

```
/**
 *
 * @author Web-Tech-Lab
 */
```

```
public class Header_Demo extends HttpServlet {
```

```
/**
 * Processes requests for both HTTP <code>GET</code> and <code>POST</code>
 * 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 {
response.setContentType("text/html;charset=UTF-8");
try (PrintWriter out = response.getWriter()) {
/* TODO output your page here. You may use following sample code. */
```

```

out.println("<!DOCTYPE html>");
out.println("<html>");
out.println("<head>");
out.println("<title>Servlet Header_Demo</title>");
out.println("</head>");
out.println("<body>");
out.println("<table border='1'>"+
"<tr><th align='right'>Client IP address : </th><td>" + request.getRemoteAddr() + "</td></th>"
+ "<tr><th align='right'>Client Host Name : </th><td>" + request.getRemoteHost() + "</td></th>"
+ "<tr><th align='right'>HTTP PROTOCOL : </th><td>" + request.getProtocol() + "</td></th>"
+ "<tr><th align='right'>SECURE CHANNEL : </th><td>" + request.isSecure() + "</td></th>"
+ "<tr><th align='right'>Request URL : : </th><td>" + request.getRequestURL() + "</td></th>"
+ "</table>"
);
String hN;
String hV;
Enumeration hNS=request.getHeaderNames();
if(hNS==null){
out.println("<p style='color:red'>cannot access header</p>");
}
else{
out.println("<table border='1'>"+
"<caption>HTTP Header x`</caption>"+
"<tr><th>Name</th><th>Value</th></tr>");
while(hNS.hasMoreElements()){
hN=(String)hNS.nextElement();
hV=request.getHeader(hN);
out.println("<tr><td>" + hN + "</td>" +
"<td>" + hV + "</td></tr>"
);
}
}
out.println("</body>");
out.println("</html>");
}
}

// <editor-fold defaultstate="collapsed" desc="HttpServlet methods. Click on the + sign on the left to edit the code.">
/**
 * 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);
}

```

```
}  
  
/**  
 * Returns a short description of the servlet.  
 *  
 * @return a String containing servlet description  
 */  
@Override  
public String getServletInfo() {  
    return "Short description";  
} // </editor-fold>  
  
}
```

```
[18bit034@mepcolinux web]$exit  
exit
```