

CodePreviewBad.java

```
1 package coreservlets;
2
3 import java.io.*;
4 import javax.servlet.*;
5 import javax.servlet.annotation.*;
6 import javax.servlet.http.*;
7
8 /** Servlet that reads a code snippet from the request
9  *  and displays it inside a PRE tag. Fails to filter
10 *  the special HTML characters.
11 *  <p>
12 *  From <a
13 *  href="http://courses.coreservlets.com/Course-Materials/">the
14 *  coreservlets.com tutorials on servlets, JSP, Struts, JSF, Ajax,
15 *  GWT, and Java</a>.
16 */
17 @WebServlet("/code-preview-bad")
18 public class CodePreviewBad extends HttpServlet {
19     @Override
20     public void doPost(HttpServletRequest request,
21                        HttpServletResponse response)
22         throws ServletException, IOException {
23         response.setContentType("text/html");
24         PrintWriter out = response.getWriter();
25         String title = "Code Sample";
26         String docType =
27             "<!DOCTYPE HTML PUBLIC \"-//W3C//DTD HTML 4.0 \" +
28             \"Transitional//EN\">\n";
29         out.println(docType +
30             "<HTML>\n" +
31             "<HEAD><TITLE>" + title + "</TITLE></HEAD>\n" +
32             "<BODY BGCOLOR=\"#FDF5E6\">\n" +
33             "<H1 ALIGN=\"CENTER\">" + title + "</H1>\n" +
34             "<PRE>\n" +
35             getCode(request) +
36             "</PRE>\n" +
37             "Now, wasn't that an interesting sample\n" +
38             "of code?\n" +
```

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```
38         "</BODY></HTML>");
39     }
40
41     protected String getCode(HttpServletRequest request) {
42         return(request.getParameter("code"));
43     }
44 }
45
```