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1 <html>
2 <head>
3   <title>My Favorite Bookmarks</title>
4 </head>
5 <body>
6 <?php
7 //include the function to clean data
8 include "cleanData.php";
9
10 //create an array for errors
11 $errors=array();
12
13 //start by cleaning the data
14 $choice = $_REQUEST['choice'];
15 $choice = cleanData($choice);
16
17 //set an array to hold valid choice values
18 $choice_array = array("Add Bookmark", "add", "view");
19
20 //main logic of what to do when
21 if(in_array($choice, $choice_array))
22 {
23     print "you selected $choice";
24     if($choice == "Add Bookmark")
25     {
26         //clean data before adding to text file
27         $description = cleanData($_POST['description']);
28         $bookmark = cleanData($_POST['bookmark']);
29         //validate
30         validate($description, $bookmark);
31     }
32     elseif($choice=="add")
33         addForm($description, $bookmark, $errors);
34     elseif($choice=="view")
35         showBookmarks();
36     else
37         displayForm();
38 }else{
39     displayForm();
40 }
41
42 //-----begin functions-----
43 function validate($description, $bookmark){
44     global $errors;
45     if($description=="")
46         $errors[0]= "You must fill in a description.";
47     if($bookmark=="")
48         $errors[1]= "You must fill in a bookmark. ";
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49
50 //see if there are errors
51 $size = count($errors);
52 if($size > 0)
53     addForm($description, $bookmark, $errors);
54 else
55     addBookmark($description, $bookmark);
56 }//end validate
57
58 function addBookmark($description, $bookmark){
59     // include header file
60     include "header.html";
61
62     //open textfile and write data to file
63     $fp=fopen("bookmarks.txt", "a");
64     fwrite($fp, "$description\t $bookmark\n");
65     print "bookmark added";
66     fclose($fp);
67
68     //include html footer file
69     include "footer.html";
70 }//end addBookmark
71
72 function addForm($description, $bookmark, $errors){
73     // include header file
74     $self = $_SERVER['PHP_SELF'];
75     include "header.html";
76     print <<<HERE
77     <form method="post" action="$self">
78     <p> Enter a new bookmark to add: </p>
79     <p>Description: <input name="description" type="text" id="description"
... size="80"
80     value="$description" />$errors[0]
81     <br />
82     URL: <input name="bookmark" type="text" id="bookmark" size="80"
83     value="$bookmark" />$errors[1]
84     </p>
85     <p>
86     <input name="choice" type="submit" id="choice" value="Add Bookmark" />
87     </p>
88     </form>
89     HERE;
90     //include html footer file
91     include "footer.html";
92 }//end addForm
93
94 function displayForm(){
95     // include header file

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96 include "header.html";
97 //include html footer file
98 include "footer.html";
99 } //end displayForm
100
101 function showBookmarks(){
102 include "header.html";
103 @ $fp=fopen("bookmarks.txt", "r");
104 if (!$fp)
105     print "No bookmarks set.";
106 else{
107     print "<table><tr><th width=\"45%\">Description</th>
108         <th width=\"55%\">URL</th></tr>";
109     $theData=file("bookmarks.txt");
110
111     foreach($theData as $line)
112     {
113         $line=rtrim($line);
114         print("<tr>");
115         list($description, $bookmark)=split("\t", $line);
116         print("<td>$description</td>");
117         print("<td><a href=\"\$bookmark\">$bookmark</a></td></tr>");
118     } //end foreach
119     print("</table>");
120 } //end else
121 include "footer.html";
122 }//end showBookmarks
123
124 ?>
125
126 </body>
127 </html>
```