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12
    Develop a PHP program to read the contents of a HTML form
    and display the contents on a browser.

    HTML form file, 12_1_html_form.html
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Two file approach:
    HTML file for the form, to collect user input
        and then pass it to PHP program
    PHP file to accept(read) variables and values passed to it
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<!--
    HTML to read user input ----> PHP to process
                                action = script name/URL
                                |           |
                                HTML      -----> PHP
                                |           |
                                using form input      |   form data appended to the action URL
                                and method = get      |   sent as the request body
                                = post                 |
                                |           |
                                using HTTP GET POST PUT
-->

<form method="get" action="12_2_disp_user_input.php">

    Department: <input type="text" name="dept" /> <br />
    Semester:   <input type="number" name="sem" /> <br />
    <input type="submit" value="Submit" />
</form>
<!--
    HTML to read user input ----> PHP to process
                                |
                                using HTTP GET POST PUT

                                verify the same, on Firefox
                                Web Developer Tools, F12 , or
                                Ctrl Shift I , or
                                ≡ → More tools → Web Developer Tools
                                and
                                Network (Network Monitor), or Ctrl Shift E
-->

Based on context, use method="get",      or method="post"
When submit button on HTML page is clicked, mentioned action script:
    HTTP request for PHP script is made by browser
If HTML form uses
    method="get"
        then, action script, observe URL, http link script?varname=value
        Web Developer Tools → Network (Network Monitor)
        Network → Method → GET → Headers tab
            form data is part of GET request
    method="post"
        then, variable and value sent as part of request body
        Web Developer Tools → Network (Network Monitor)
        Network → Method → POST → Request tab
            Request tab has Form data
            or if Raw toggle button is switched, then, Request payload
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For more on HTML element, its's attributes, values, functionality
Please check, Mozilla Developer Network,
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<form>: The Form element
https://developer.mozilla.org/en-US/docs/Web/HTML/Reference/Elements/form
-
<input>: The HTML Input element
https://developer.mozilla.org/en-US/docs/Web/HTML/Reference/Elements/input
-->
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