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-A brief description of the project (1 or 2 lines)!

The HTML file creates a form to help an alien make unit conversions. Then, the form is submitted to the CGI, the correct answer or error messages are presented.

Answers to the following questions:

1) What happens when your do_xelk.cgi program has no parameters passed into it?

   Input fields are returned red with message "Parameter missing or bad!"
   Answer field returned red with message "Invalid input! Make sure all parameters are present and correct."

2) What happens if your do_xelk.cgi program is passed in just the origunits parameter and not the confunits parameter?

   New units field turned red with message "New Units: Parameter missing or bad!"
   Answer field returned red with message "Invalid input! Make sure all parameters are present and correct."
   All other fields return blue with their inputs displayed.

3) What happens if your do_xelk.cgi program is passed a string other than the 8 strings listed in the units?

   The field where the invalid string was entered turns red and displays "Parameter missing or bad!"
   Answer field turns red with message "Invalid input! Make sure all parameters are present and correct."
   All other fields blue with valid inputs displayed

4) What happens if your do_xelk.cgi program is given an empty string for the numunits parameter?

   The field where the empty string was entered turns red and displays "Parameter missing or bad!"
   Answer field turns red with message "Invalid input! Make sure all parameters are present and correct."
   All other fields blue with valid inputs displayed

5) What happens if your do_xelk.cgi program is given an unknown parameter (say, for example, extra=Foo) as the first parameter?

   When the first parameter is replaced with say, for example, foo=Fart, the unit that was replaced "Original Units", stays displayed in the CGI as "Original units", not "foo", and turns red with expected error message. The answer field turns red with

expected message, and all other fields remain blue, with no error messages and proper values displayed.

BONUS: We could (should?) have used a POST method instead of GET method to send the user input in to our CGI program. Give 2 reasons why this might have been better than using GET, explicitly related to this
assignment (even though its main objective is silly and not serious).
Hint: one is security, but why?

-Zelkali is Evil, ALIEN, OVERRRRLORRRRRD!!!! And he is going to give us $32478965__4w63q567 Xarnaconian dollars!!!! But if the government finds out, they'll probably destroy Zelkali, and his planet, and our money, and most importantly, they'd probably take our team into custody for treason of the highest degree.

-He must be precise in his calculations, he does have a giant (remote controlled) death laser, very very far away, on his planet after all. If it's so far away, it's possible that he will be entering numbers so large/precise, that he could exceed the URL character limit (which varies based on several factors) and he wouldn't hit that problem with POST.