NAME:

Define a Python function `MenuHTML(L)` whose input is a list of strings. The strings in the list represent choices, e.g.: `['coffee', 'pop', 'tea', 'water']`. The function writes the HTML code to screen.

This HTML code defines a web page with as many radio buttons as there are strings in the list. The button corresponding with the last string in the list must be checked. The value of each button corresponds to the position of the string in the list. For `L = ['coffee', 'pop', 'tea', 'water']`, the output of `MenuHTML(L)` appears in a browser as shown on the right.

1. Write the Python code for `MenuHTML` below:

2. For `L = ['coffee', 'pop', 'tea', 'water']` write the output of `MenuHTML(L)`.  
   *(Note: if `MenuHTML` would not work, give the HTML code `MenuHTML` should produce.)*