Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_/\_\_\_\_\_/\_\_\_\_

I did the following challenge:

When upgrading a text-only program to a GUI application, it's important to consider:

I can *(circle the skills you have demonstrated or write in any other skills)*

**Set up a timed trigger**  
to run a function after a set timeout.

**Use the JSFiddle or repl.it environment**

to edit and test HTML, CSS and JavaScript code together in one place.

**Write a short function**

to format a number with an extra 0 in front.

**Access the system date and time**

to display a clock correctly.

**Incorporate attractive fonts and buttons in a webpage**

by adding code to CSS.

A useful rule when designing a GUI for a touchscreen interface (like a smartphone):

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A screen capture of my finished GUI application for the challenge:

Read the following rubric.

Circle the description that best describes your programming on this project.

|  |  |  |  |
| --- | --- | --- | --- |
| 1 point | 2 points | 3 points | 4 points |
| I created the program but needed a lot of guidance and help from others.  I have learned up to 2 new programming skills and identified these skills using the ‘I can’ statements. | I created the program with a little help from others.  I have learned up to 3 new programming skills and identified these skills using the ‘I can’ statements. | I created my own program following suggested steps. When I got stuck I sought help.  I have described clearly the challenges I had and how I overcame them.  I have learned up to 4 new programming skills and identified these skills using the ‘I can’ statements. | I created my own program. When I got stuck I sought help. I also helped others when they got stuck.  I have described clearly any challenges I had and how I overcame them.  I have learned or used more than 4 programming skills and identified these skills using the ‘I can’ statements. |

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