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

I did the following challenge:

My mockup of the interface for my solution:

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

**Swap an image on the webpage**  
using code in JavaScript.

**Use the repl.it environment (or offline)**

to edit and test HTML, CSS   
and JavaScript code.

**Generate a random whole number**

using code in JavaScript.

**Insert an image on the webpage**

using code in JavaScript.

**Prepare a mockup**

to design a graphical user interface.

**Create a new GUI application**

starting from scratch, or from an existing solution.

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A screen capture of my 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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