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

Project

A list of the changes I need to make to the original game for **Challenge 1** to work:

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

**Use validation**

to check whether the user entered a valid word: ‘rock’, ‘paper’ or ‘scissors’.

**Generate a random number**

to make a choice for the computer’s pick: rock, paper or scissors.

**Display winner**

at the end of each game, as well as telling the user what the computer picked.

**Use if-else**

to correctly determine the winner for each game.

**Display final winner**

at the end of three games.

**Declare and assign new variables**

to keep track of how many times the player and computer have won the game.

**Test my code**

to make sure the “best of three” code works correctly in every situation.

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A screen capture of my code and what displays onscreen when it is run:

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 5 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 6 programming skills and identified these skills using the ‘I can’ statements. |

What three things have I learned about **how computers make complex decisions**?

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