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

Project

**Challenge 2** algorithm for **getPlayerAttack(lunge)** written in pseudocode:

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

**Find the official documentation for built-in or pre-written functions**

whether JavaScript or Python.

**Name built-in or pre-written Python or JavaScript functions**

and explain what they do.

**Call a function that returns a value**

to store or display the number of gold coins generated by the function.

**Write a function that returns a value**

to generate a random number of gold coins.

**Write a function that takes a parameter *and* returns a value**

to find the lowest number in an array.

**Write a function that takes a parameter *and* returns a value**

to do a Maths operation on a number.

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A screen capture of my code for **Challenge 1** 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 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. |

Write where to find the official documentation for built-in functions in Python / JavaScript.

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