

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

Project

**Challenge 1** algorithm written in pseudocode:

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

**Declare and assign variables**

to store the names of five people, and to store the random number.

**Generate a random number**

to choose one of the names.

**Use if-else**

to select an individual name, based on the random number.

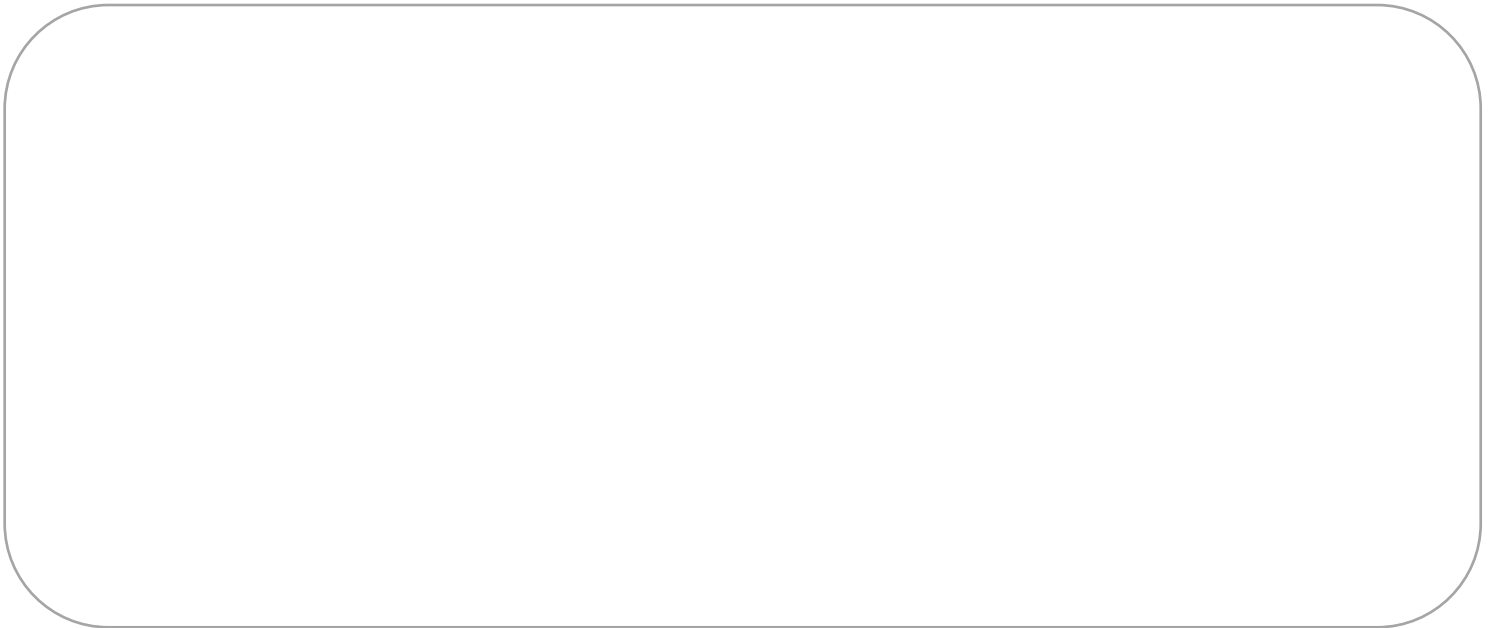
**Display result**

to output the chosen name.

**Test my code**

to make sure it works in a truly random way.

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

What three things have I learned about **random numbers** in Python or JavaScript?