Self-Assessment: Visual to text coding – Lesson 6

DIGITAL TECHNOLOGIES HUB

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 fill an array
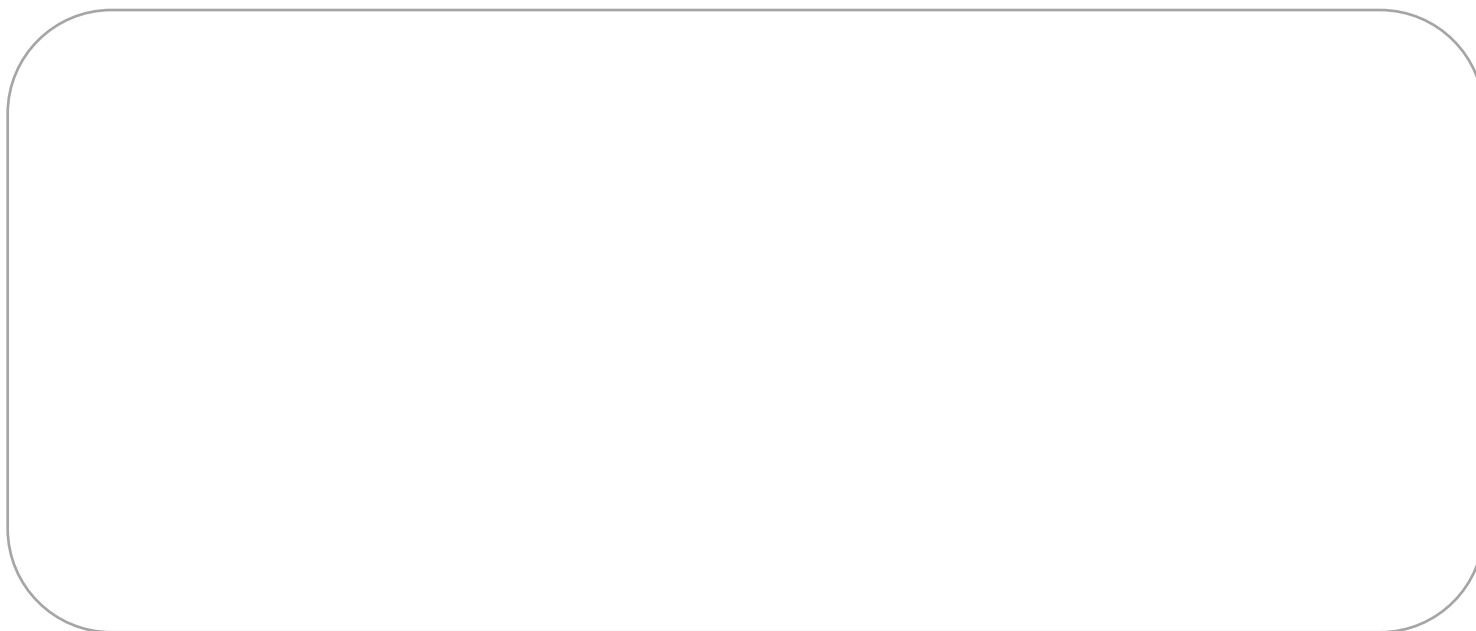to store student names.

Generate a random number
to choose a student.

Display result
to output the student name.

Use length property
so that the same code works, even if the
array of student names is different.

Test my code
to make sure it works in a truly random way,
and there are no errors.

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 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.

What is the main advantage of using the **length** property when working with arrays?