

Name _____ Date ____/____/____

Project

Challenge 1 algorithm written in pseudocode:

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

Use a WHILE loop
to make the program continue until the user enters 'STOP'.

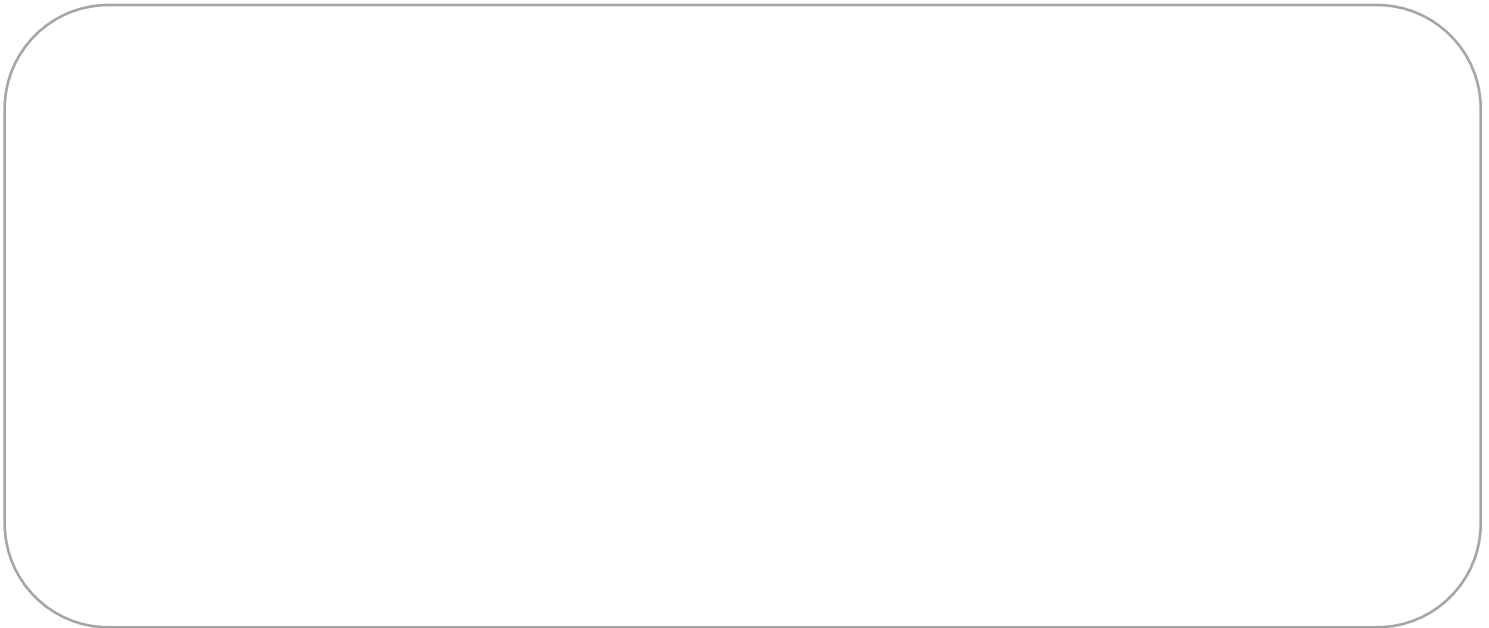
Use a variable
to keep a cumulative total.

Get user input
to add prices to the total.

Display output
to show the cumulative total.

Test my code
to make sure the total is correct after each price is entered.

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 is an **algorithm**?