Please push a notebook with answers to the following questions to github when you're done

1. Lookup information on geometric mean and harmonic mean to answer the following questions:
   a. In a jupyter notebook create a markdown section for each of the three concepts: arithmetic mean, geometric mean, and harmonic mean
   b. Write a definition for arithmetic mean, geometric mean, and harmonic mean, under their respective headings
   c. Write a code example for arithmetic mean, geometric mean, and harmonic mean using the Belize Airbnb data in a cell under the each respective summary in markdown

2. Write a function to sort several subsequent inputs alphabetically. For example, if you first input 'banana' and next input 'apple', the first time ['banana'] will be the output but the second time ['apple','banana'] will be the output. The results should be stored until you restart your kernel. There are several approaches that will work, but using a global variable is likely the easiest
   https://www.w3schools.com/python/python_variables_global.asp