

Advanced Python Workshop Homework

For the Advanced Python Workshop, we request that you attempt one of the following assignments before coming to test your coding prowess! It's OK if you don't complete it, but please try to code it yourself, not using any generative AI tools.

1. The Fibonacci sequence starts 0, 1, 1, 2, 3, 5, 8, ... where each successive value is the sum of the two values before it. Write code that will output the first n numbers in this sequence.
2. Use the Seaborn package to plot the populations of the top ten metropolitan areas in the United States. Which type of graph is best suited for this visualization?

You may want to consult the following:

https://en.wikipedia.org/wiki/Metropolitan_statistical_area

<https://www.geeksforgeeks.org/plotting-graph-using-seaborn-python/>