**Pre-lab 4**

1. Create a new fixed point iteration subroutine that returns a vector whose entries are the approximations of the fixed point at all the iterations in order.

A screenshot of a computer

Description automatically generated

Github link: <https://github.com/pach2648/APPM4600/blob/main/Labs/Lab%204/Pre%20lab%204/fixedpt_prelab4.py>