Write a MATLAB function that uses Newton's, the secant method and fixed point iteration to solve $f(x) = 0$ when $f(x) = x^3 - x - 1$ on $[1, 2]$ with a tolerance of 10^{-4}.

Your code should display the solution in the following form.

Newton

Secant

Fixed Point

Name your m file using the following format.

`WS2_LastName_FirstInital()`

Upload your MATLAB code file to the corresponding Dropbox folder on by Saturday 9/5 before 11:5pm.