Instructions for PS1

1) **'main.jl'** is the main file that runs all three methods and plots the optimal policy functions.

2) **'VFI.jl'** is the file that
    2.1) Specify parameters in the model (Model instance).
    2.2) Computes steady state level of key variables with nonlinear solver (getSS function).
    2.3) Solve h from static problem using intertemporal condition (geth function). Use 'NewtonRoot.jl' subroutine to solve for root.
    2.4) Calculate present value in the Bellman equation, given optimal labor choice (getrt function).
    2.5) Iterate on the Bellman equation (VFI function).

3) **'LQ_Vaughan.jl'** is the file that
    3.1) Construct important matrices to be used in LQ and Vaughan method, given parameters and steady state variables obtained from 'VFI.jl' (getM function).
    3.2) Implement LQ method (LQ function). Use 'Riccati.jl' subroutine to iterate on the Riccati equation.
    3.3) Implement Vaughan method (Vaughan function).