

**ECEN 3714-----Network Analysis**  
**Cover Sheet for Lab 1 and Lab 2**

**Spring 2022**

**Lab # 2**

**Topic: MATLAB**

Completed by:

**Last Name (Print): Bennett**

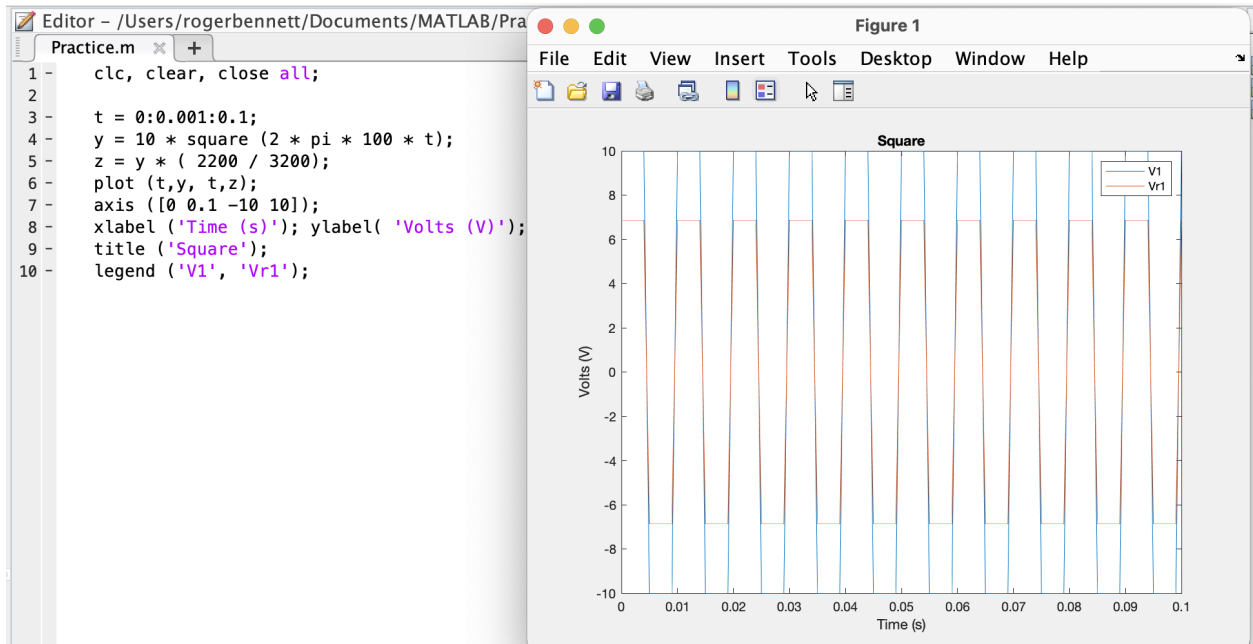
**First Name (Print): Roger**

**Name  
(Signature):**

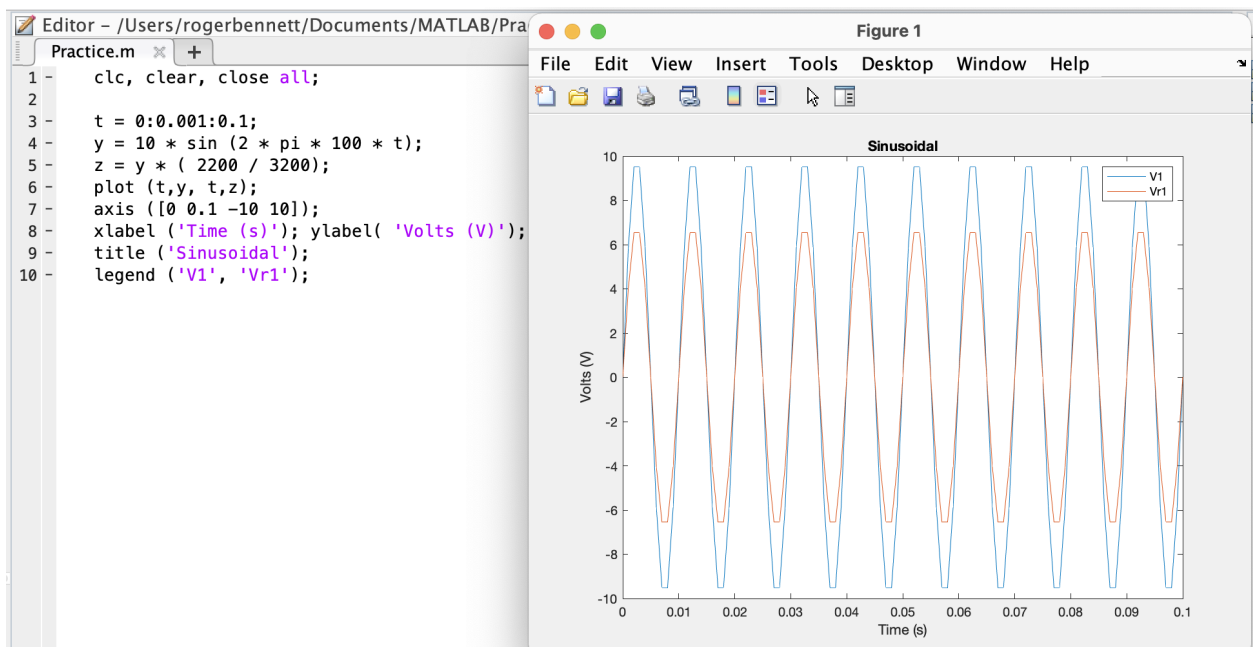
*Roger Bennett*

## Assignment 1:

1c)

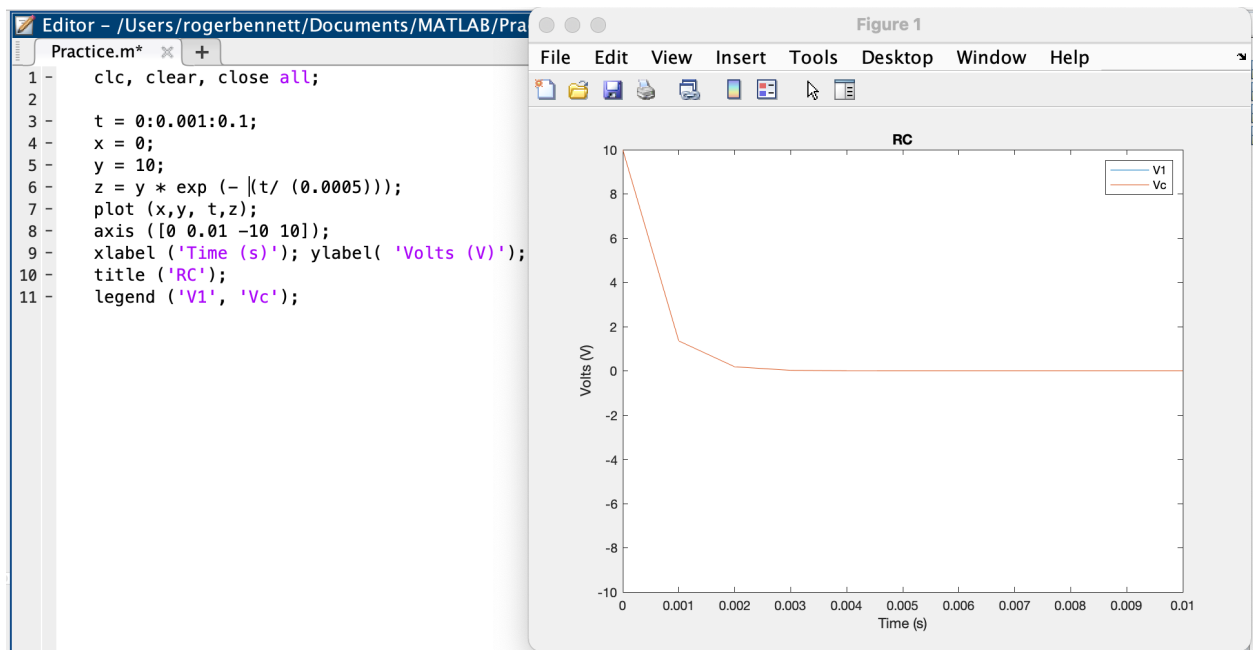


1d)

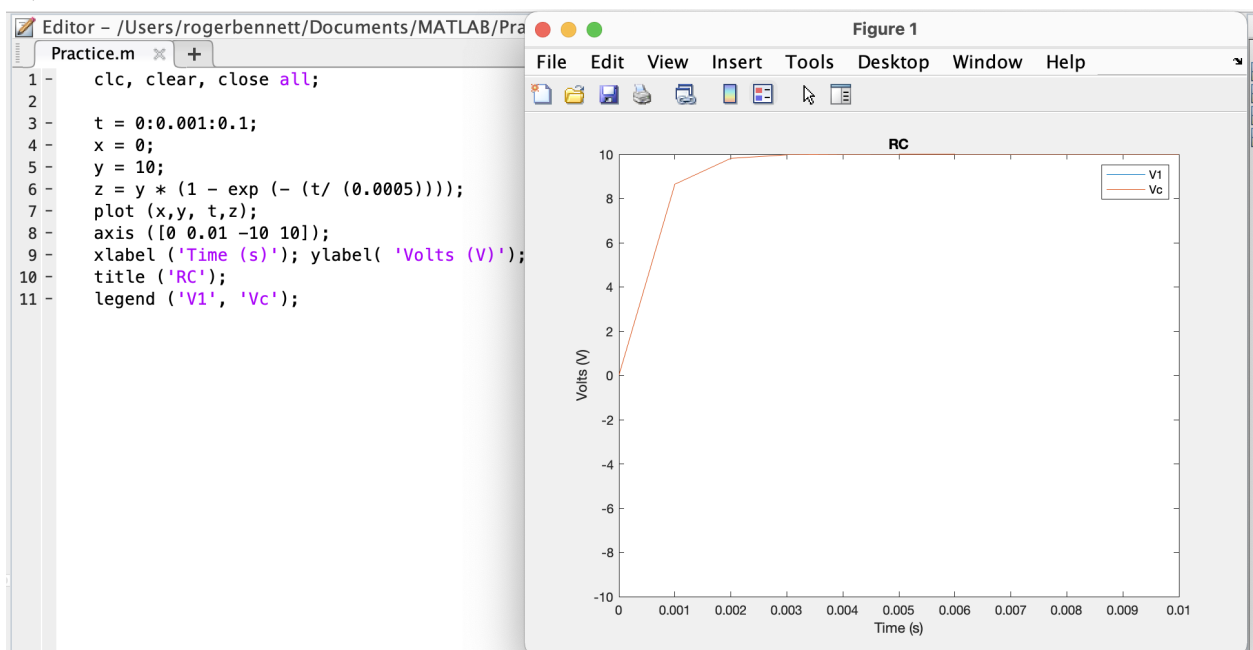


## Assignment 2:

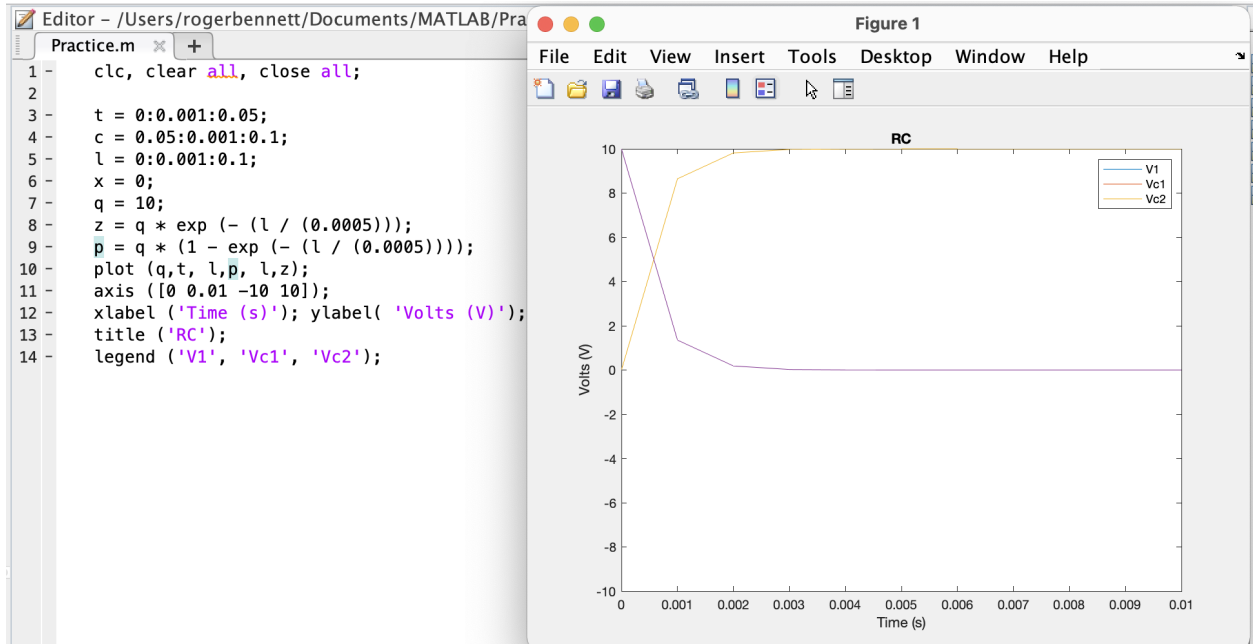
2a)



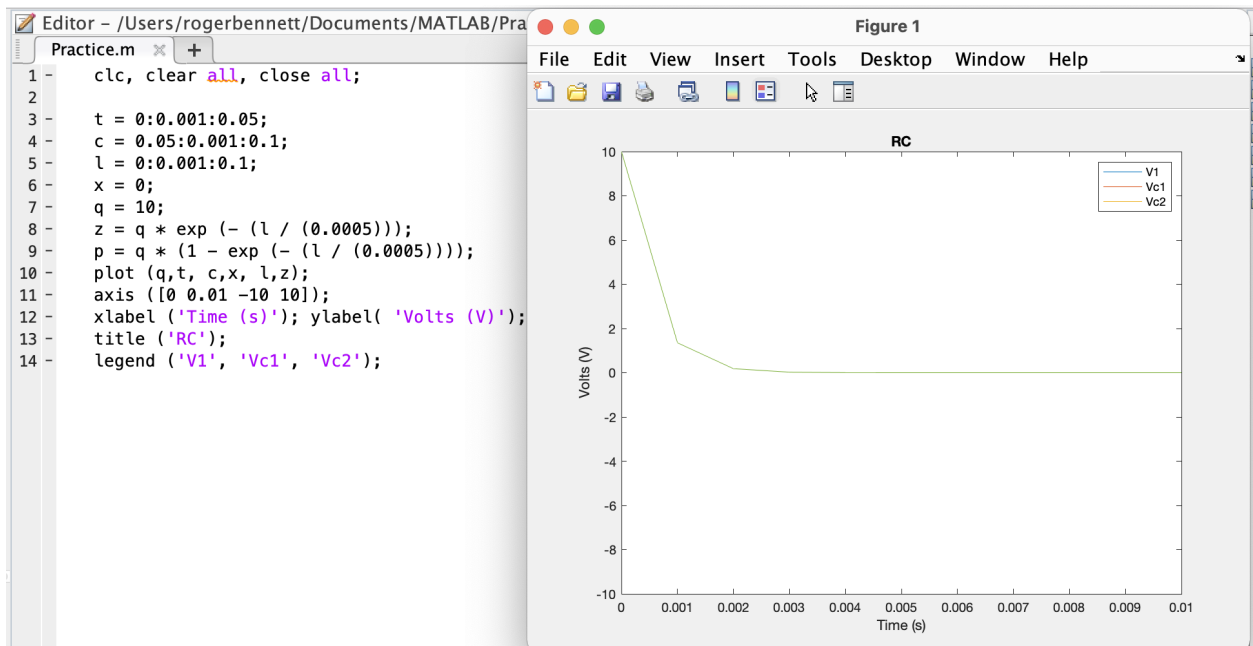
2b)



2c)

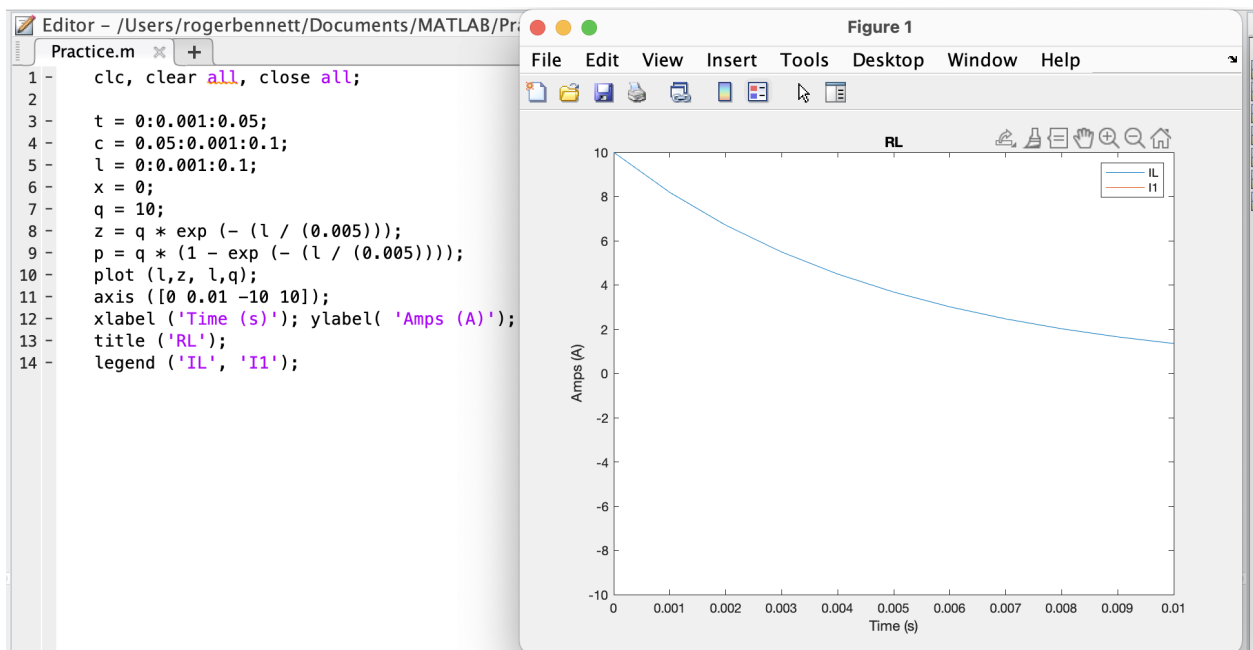


2d)

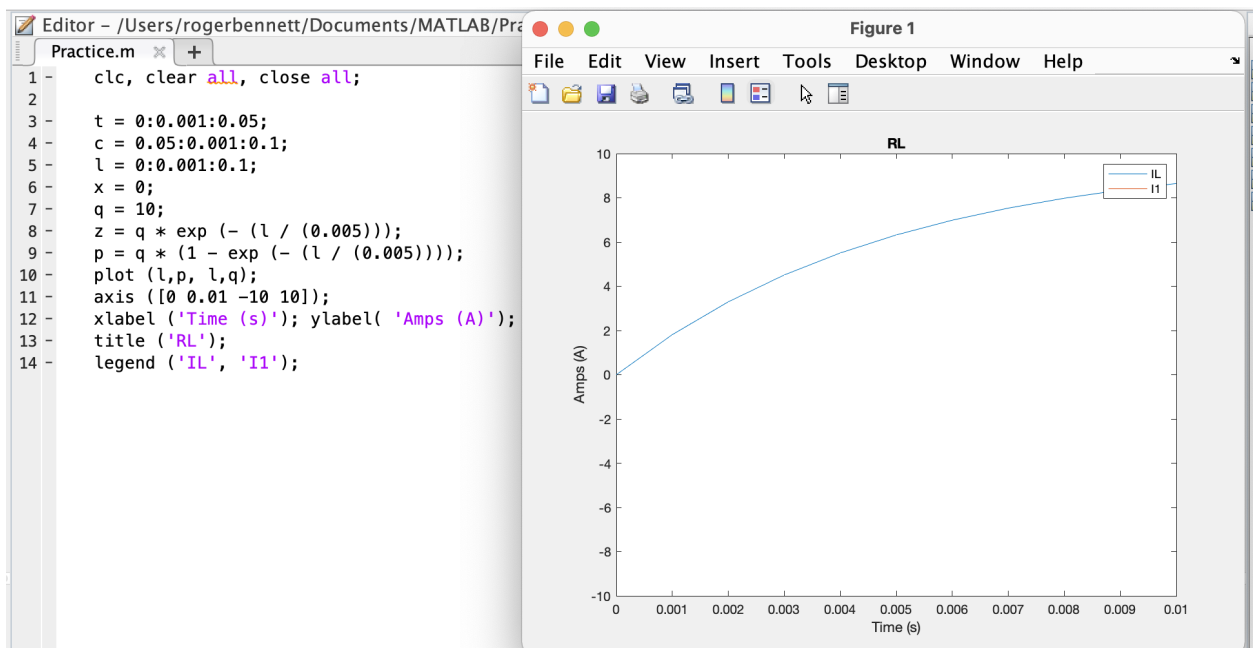


### Assignment 3:

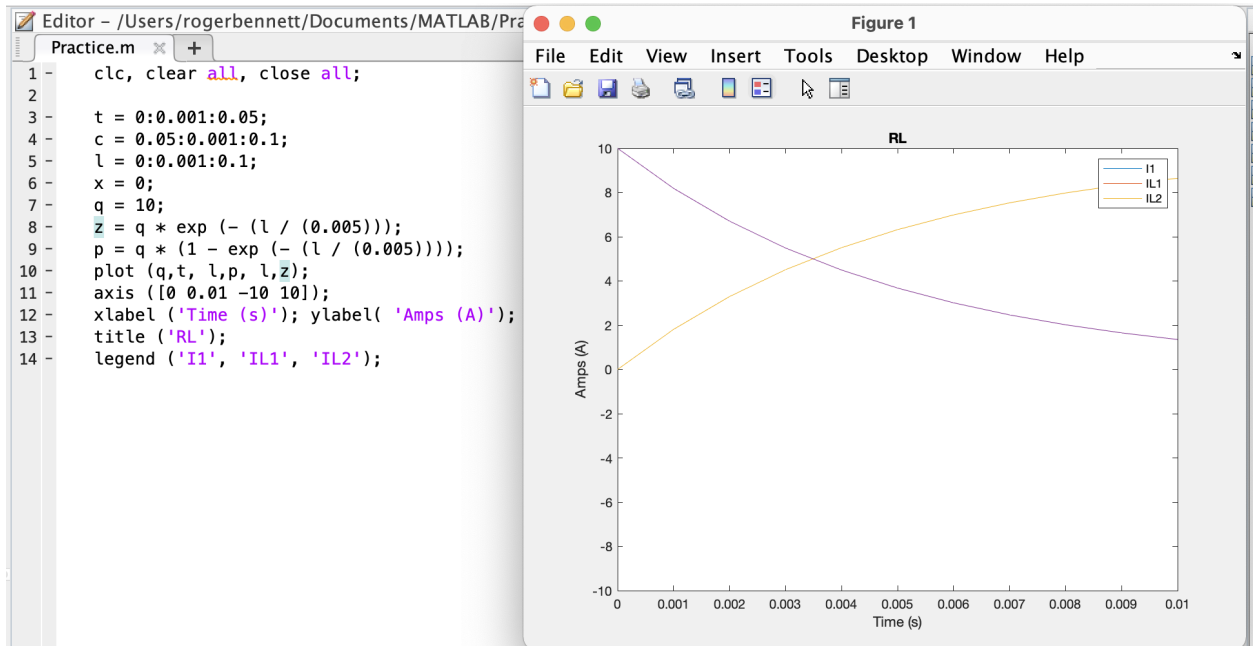
3a)



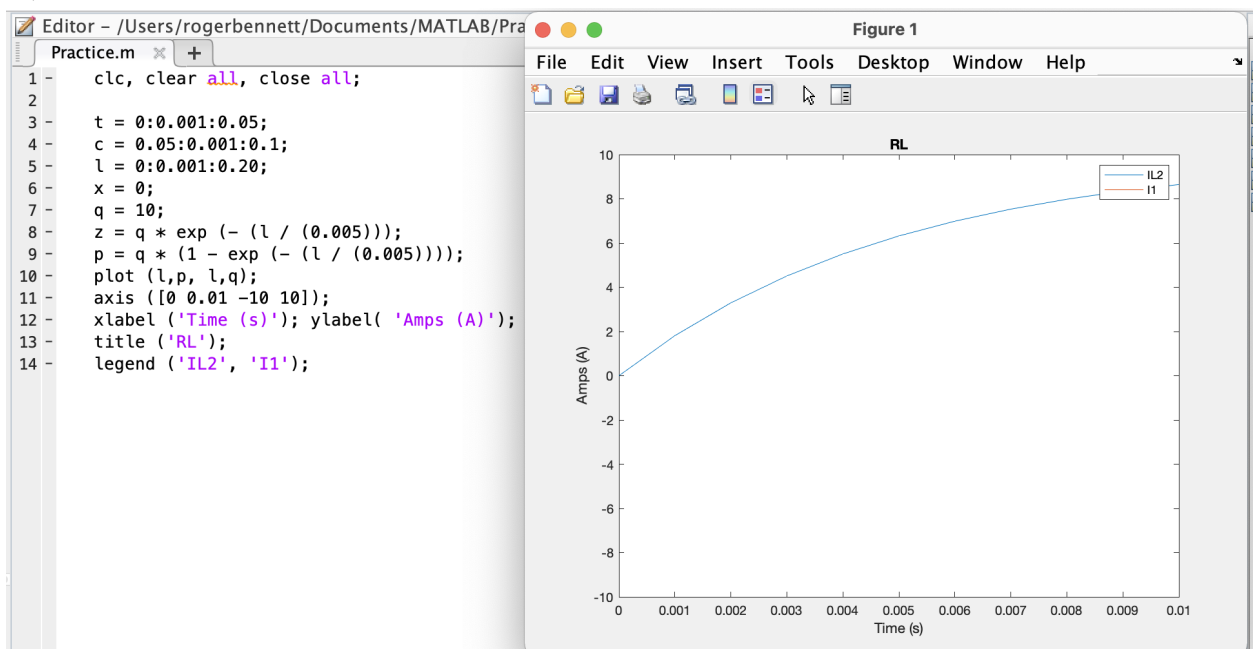
3b)



3c)



3d)



### Discussion:

- ❖ I really enjoy coding so this lab was actually pretty fun.
- ❖ Understanding how the Capacitors, Resistors, and Inductors interacted within the circuit was familiar stuff.
- ❖ The hardest part was understanding the syntax of the code to do what I wanted it to do.
- ❖ For example figuring out what to plot to get the graph that I wanted or the time periods were the hardest for me to wrap my head around.

