CENG 215 CIRCUTS and ELECTRONICS Project #2
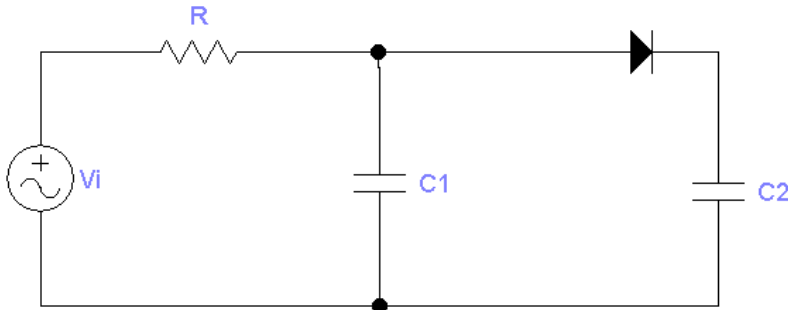
Write a Python code to simulate the circuit below:

R= 1Ω

C1 = 1F

C2 = 1F

Let your code perform the following functions:

Plot $V_1(t)$ and $V_2(t)$ of C1 (Capacitor 1) and C2(Capacitor 2) for two different Vi(t) functions:

a. Vi(t) = 0.8 volts
b. Vi(t) = 5 sin(t) volts

At the end of the lab session, return a brief report (as Word or PDF document) that contains:

1. Pyhton code.
2. Plots for two capacitor voltages.

NOTE: The Project will be studied as a teamwork, but the reports will be prepared and sent individually.