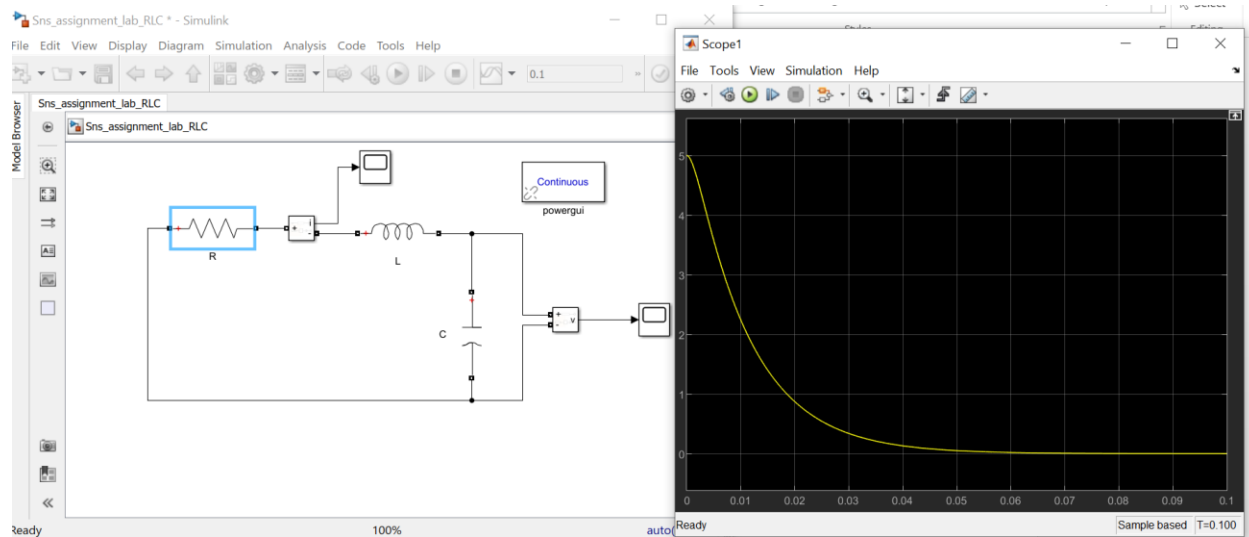


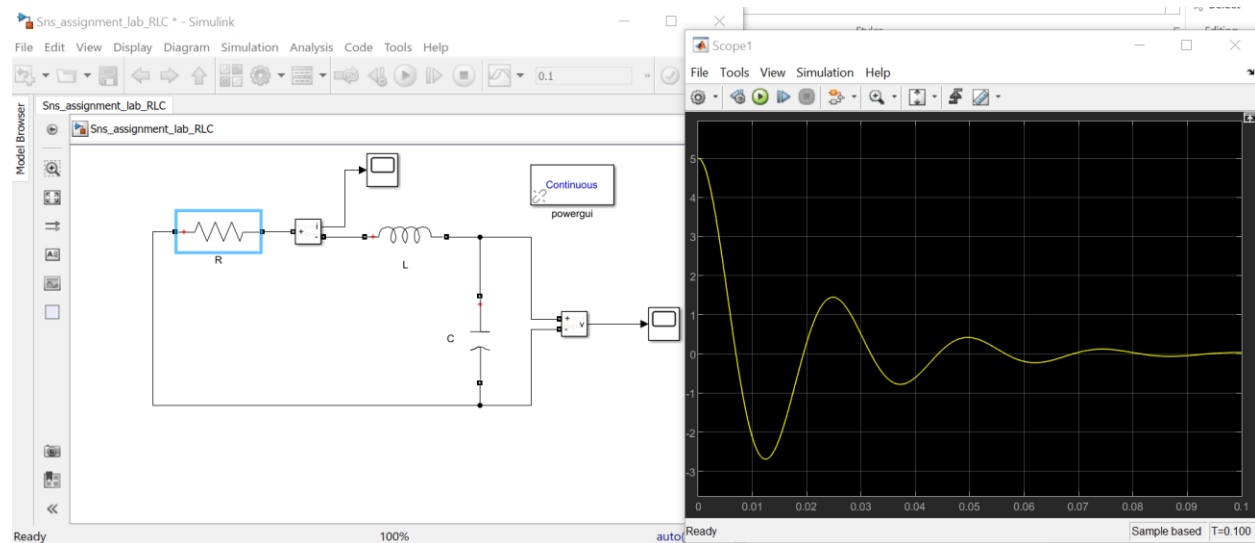
SIMULINK SERIES RLC CIRCUIT

Let $L = 1$ H, $C = 15$ micro farad, $V_c(0^-) = 5$ V, $i(0^-) = 0$ A

Over damping when $R = 800$ ohm:



Underdamping when $R = 100$ ohm:



Critical damping $R = 516.4 \text{ ohm}$:

