Frank Martino - **Proof of Skills Day 2**

Q1 Circuit Simulation

Prove your skill set using LTSpice (preferred Circuits simulation program) or equivalent simulation program (i.e. PSpice or MultiSim..)

Q1.3 Transient analysis

I can use transient analysis with a sinusoidal source to measure voltage across and current through ONE resistor in a resistive circuit.

In this simulation I created a circuit from an AC voltage source that had a R1(5kΩ) resistor. After running the simulation with the sinusoidal source I created a graph of the voltage through resistor R1 which is labeled V(n001) in green and the current through the resistor which is labeled I(R1) in blue. This is shown in the graph below.