

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..)

Q1.4 Parametric analysis

I can step through parameters with parametric analysis to repeatedly measure voltages as I vary my resistance over a range of values.

In this circuit I used a power supply with an output of 5V that connected to two resistors in series, R2(2k) and R1(R2). When running the simulation, the resistance varies from 1e-6Ω to 1kΩ and you can see the change in voltage in the graph as the resistance varies.

