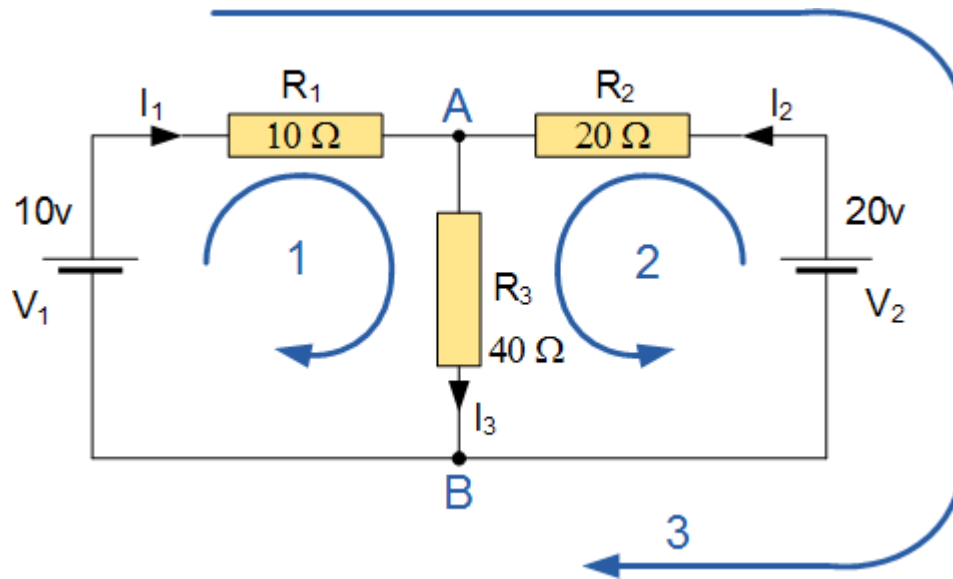This project simulate an electrical circuit

And solve that with Kirchhoff rules besides assuming the circuit as a graph

It has a very simple GUI …

Example1:

For this example you should run the program like this fig1

We have 2 knot on this circuit A,B these two knot connected to each 3 time

so we have three branch

Electrical Circuit Simulator

Knots: 2

Node 0: 3

Node 1: 3

Branch 0: R40

Branch 1: R20,B20

Branch 2: R10,B10

Branches	amperj	
0	-0.28571427	
1	0.42857146	
2	-0.14285713	

NextStep