

Lab No: 05

Name of the Experiment: Introduction to Series Parallel Circuits.

ID: 20301138

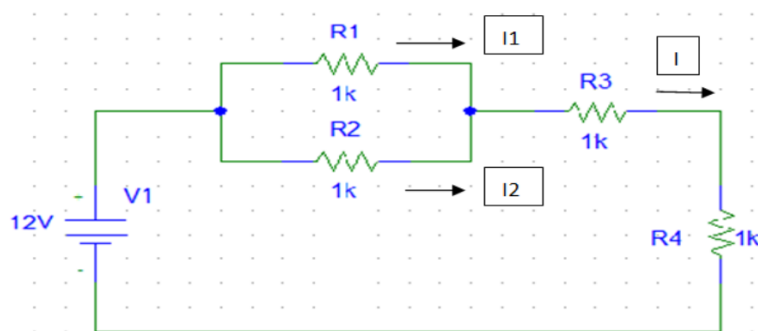
Name: Md . Bokhtiar Rahman Juboraz

Section: 03

Date: 28-02-2022

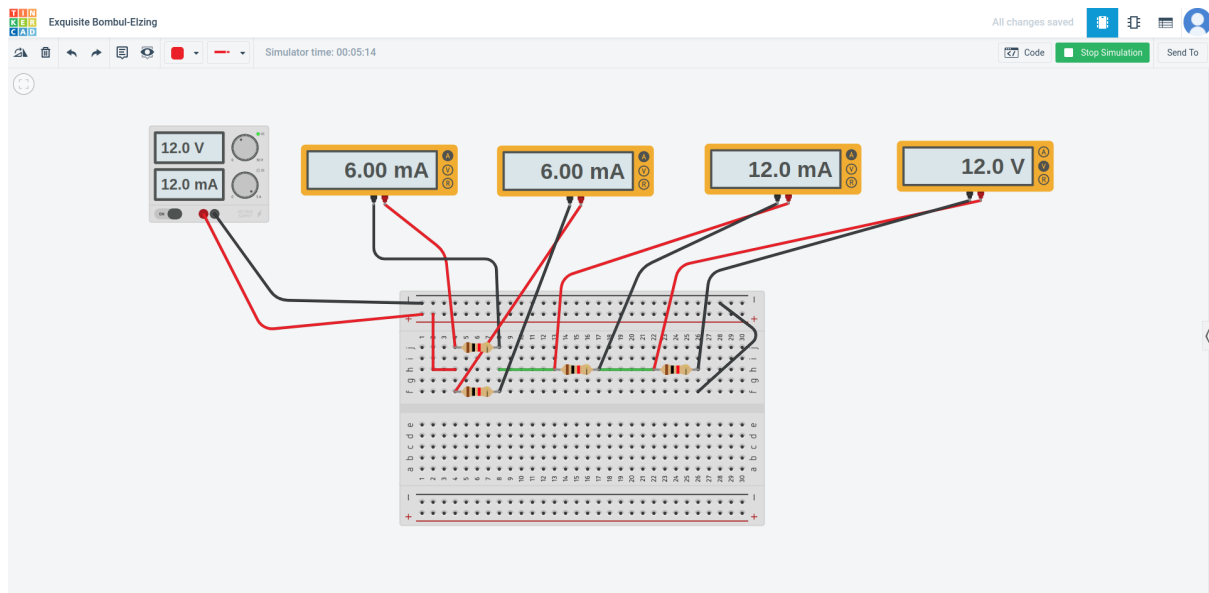
Circuit 1

Given Circuit:



Personal Circuit:

*Insert the full screen image of your circuit here. [Full screenshot, not just the circuit]*

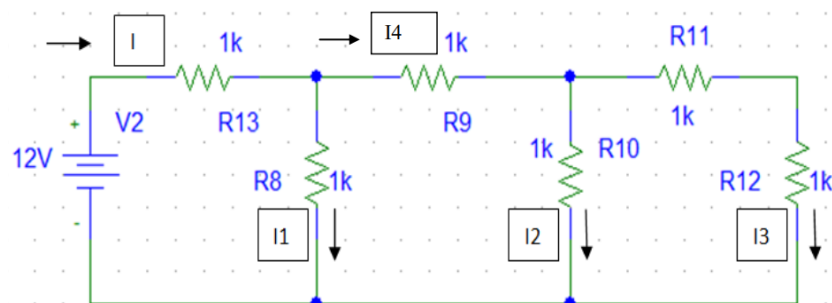


Result:

Experimental			
$I_1$	$I_2$	$I = I_1 + I_2$	$V_4$
6 mA	6 mA	12 mA	12V
Theoretical			
$I_1$	$I_2$	$I = I_1 + I_2$	$V_4$
6mA	6mA	12mA	12mA

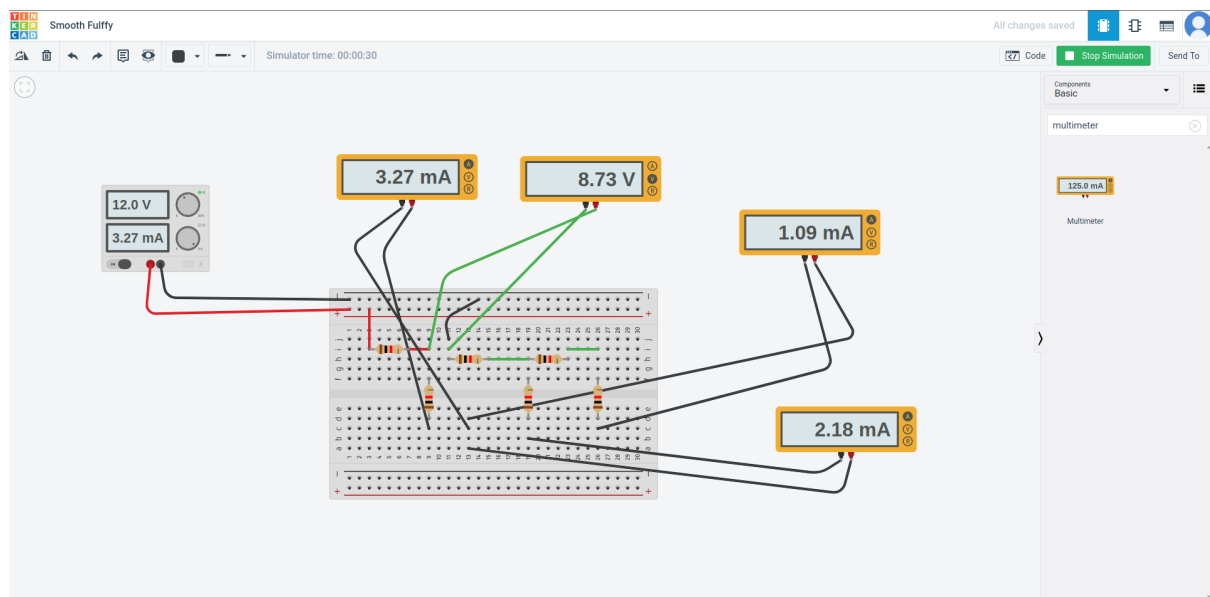
Circuit 2:

Given Circuit:



Personal Circuit:

*Insert the full screen image of your circuit here. [Full screenshot, not just the circuit]*



Result:

Experimental				
$I_1$	$I_2$	$I_3$	$I_4$	$I = I_1 + I_4$
3.27mA	2.18mA	1.09mA	0	3.27mA