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BERZIET UNIVERSITY

FACULTY OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

ENEE 2102

Circuits Laboratory

Experiment.6 Prelab

First order Circuits

Prepared by:

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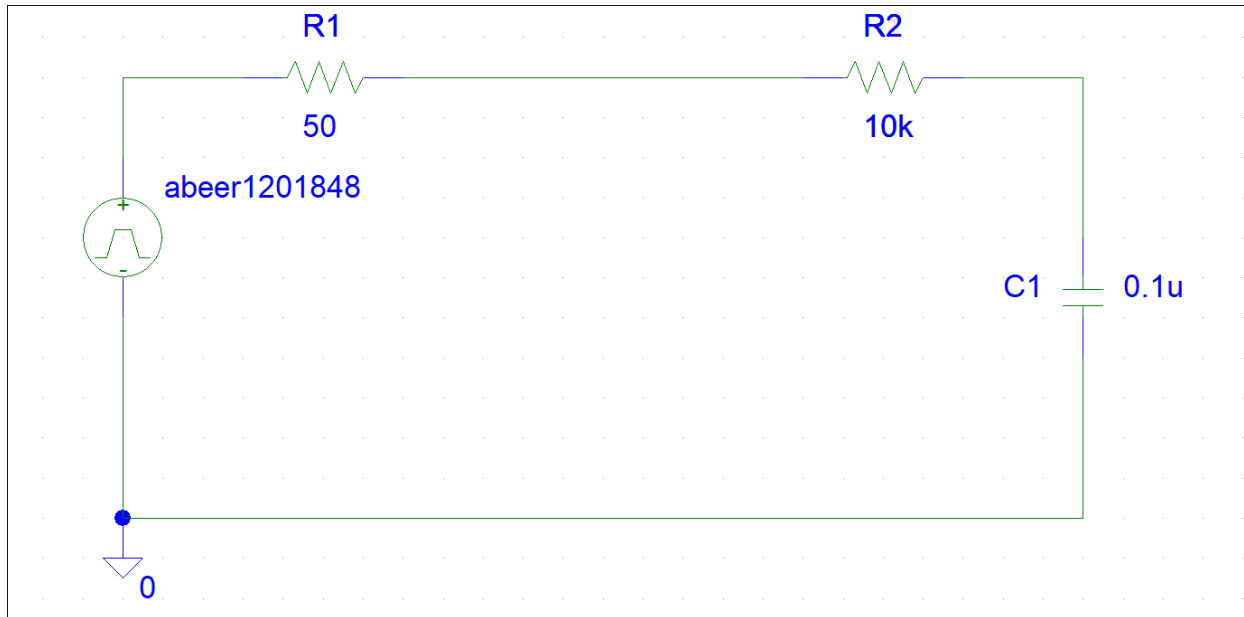
Supervised by:

Dr.Jaser saed

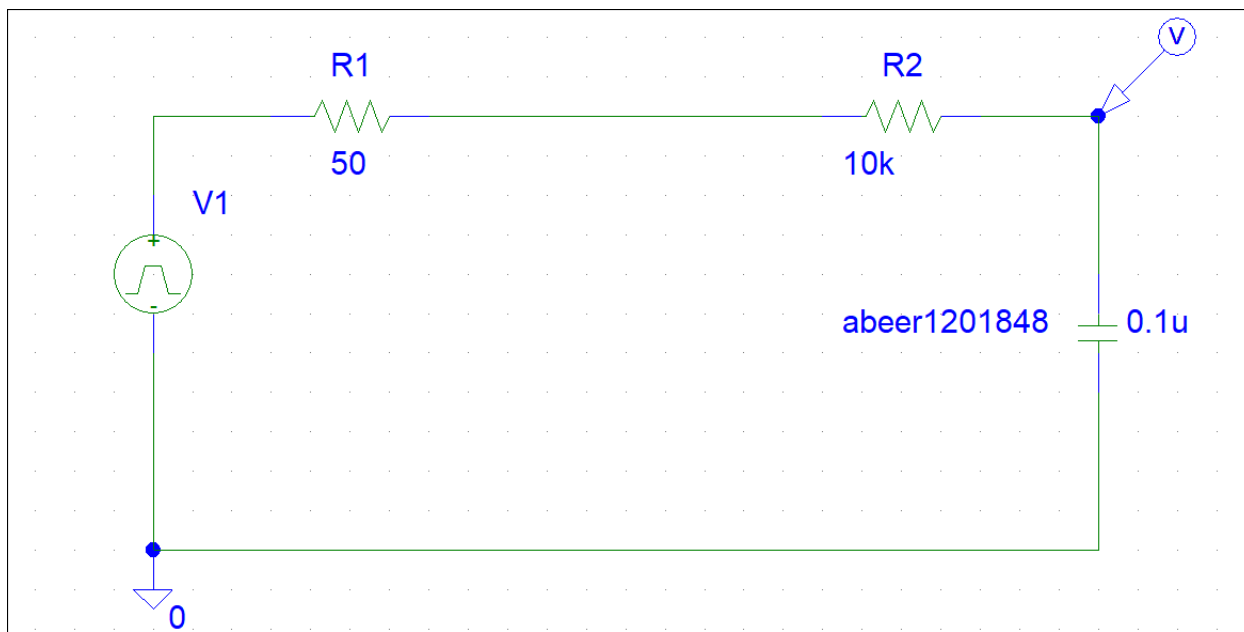
Teacher assistance:

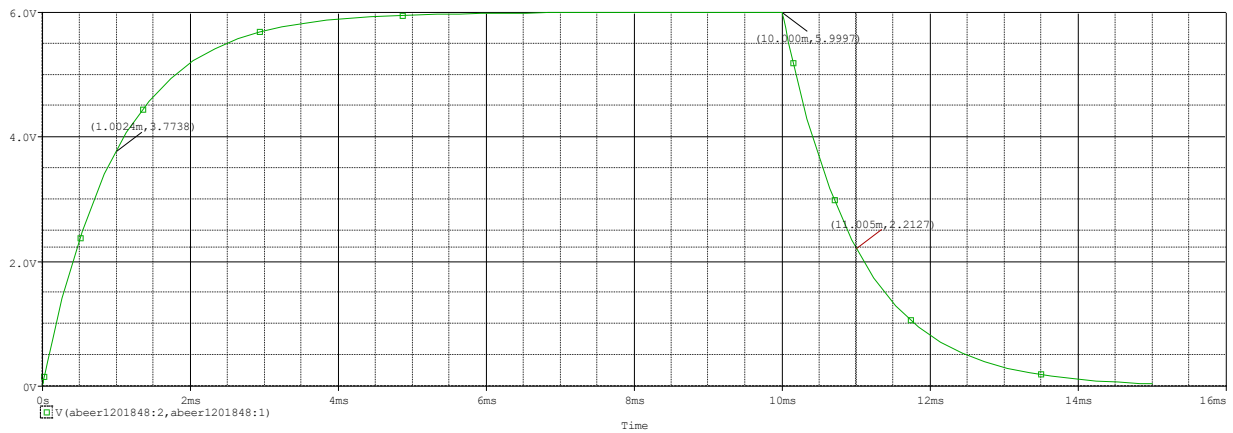
Shadi Bannoura

Part A: Step response of First-Order RC Circuit

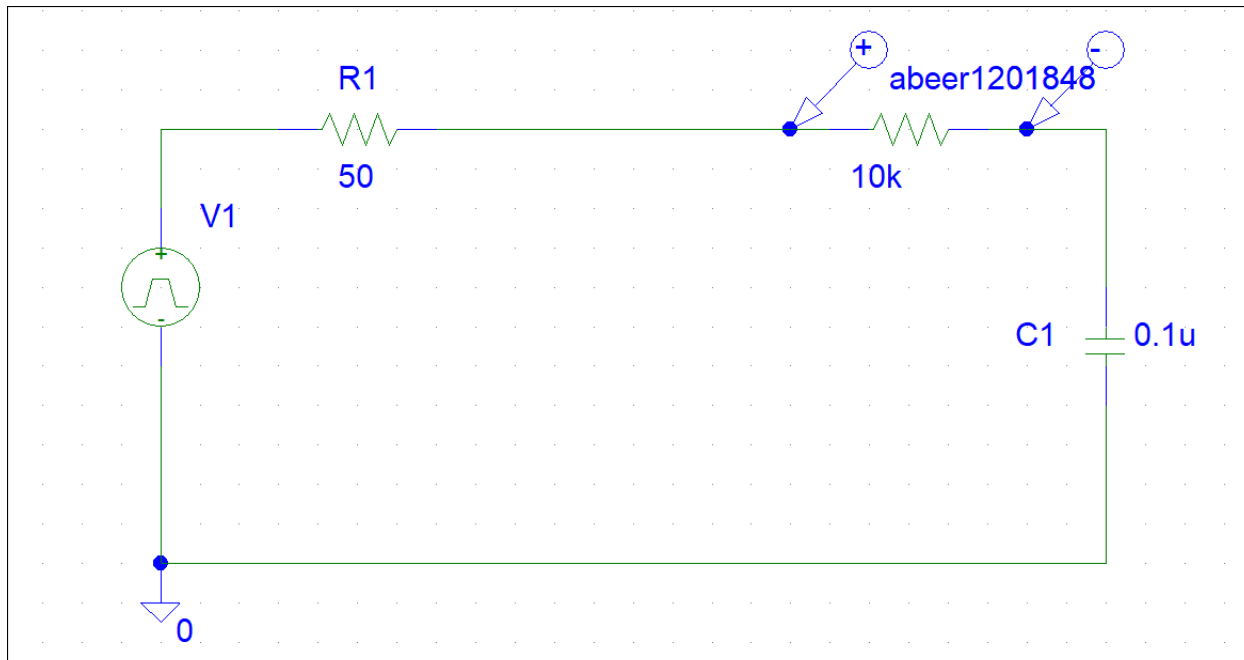


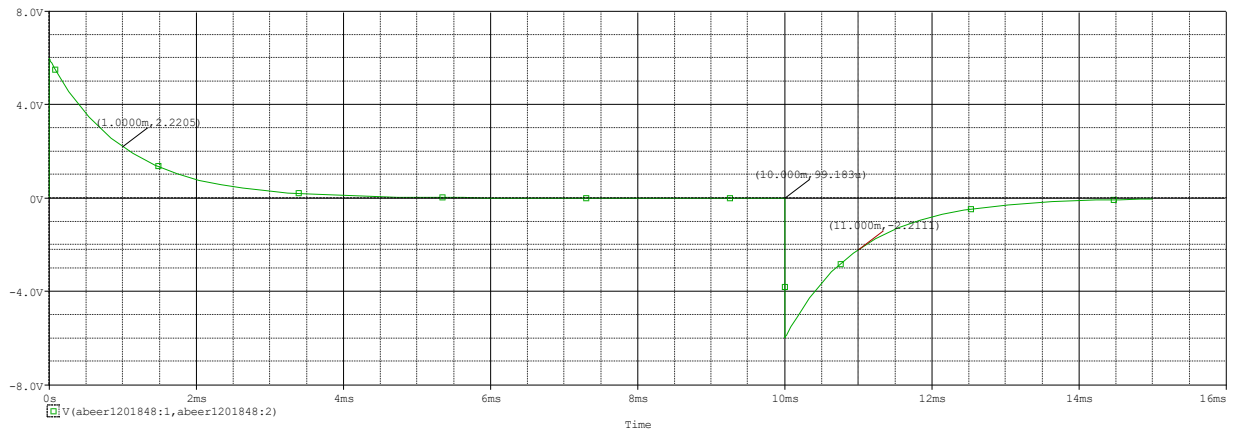
The voltage over the capacitor:





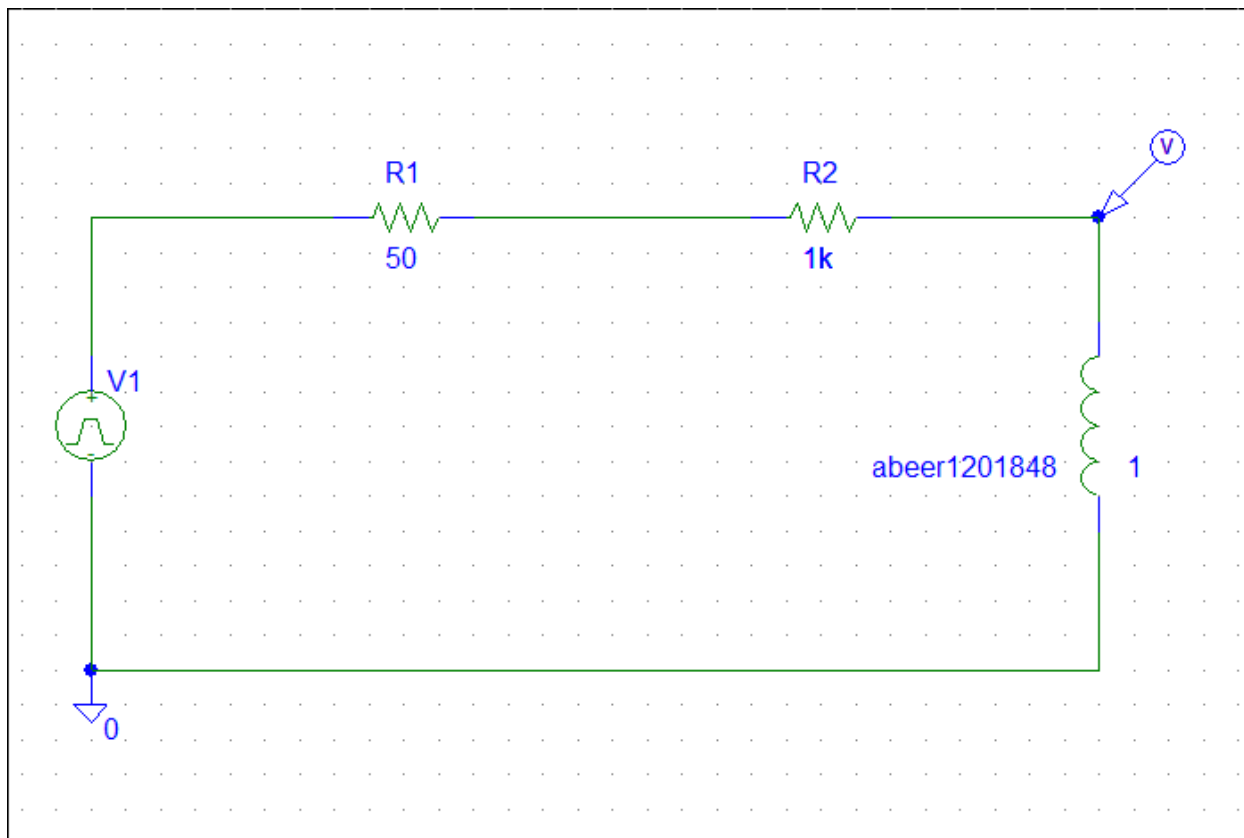
The voltage over the Resistor:

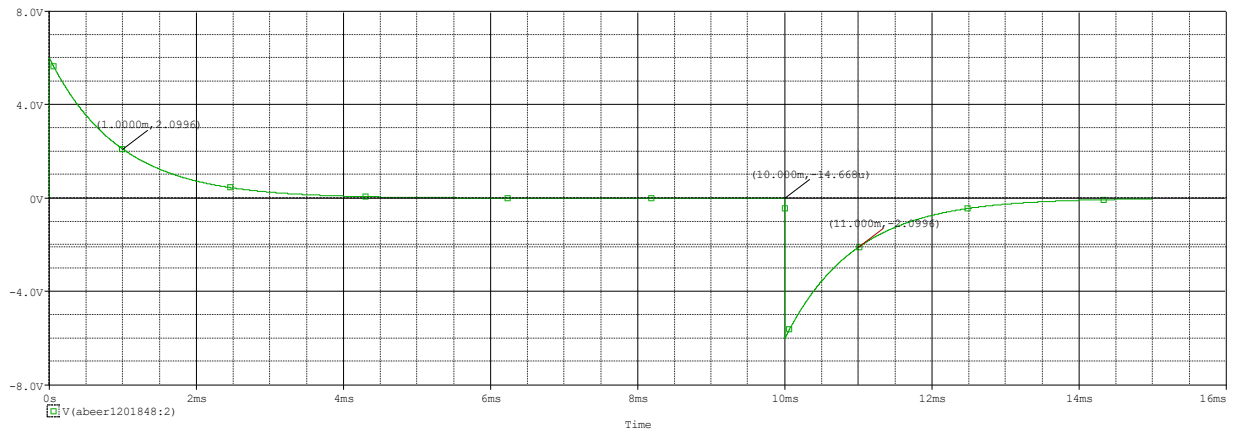




Part B: Step response of First-Order RL Circuit

The voltage over the Inductor:





The voltage over the Resistor:

