

DIGITAL SYSTEMS

PRACTICUM 1



By:

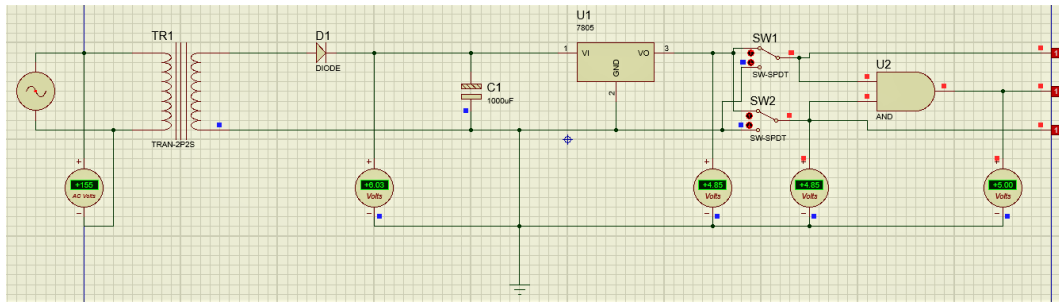
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Picture 1.1. Screenshot of the program

Assignment

1. A. Voltmeter AC : +155 Volt
- B. Voltmeter DC 1 : +6.03 Volt
- C. Voltmeter DC 2 : +4.85 Volt
- D. Voltmeter DC 3 : +4.85 Volt
- E. Voltmeter DC 4 : +5.00 Volt
2. A. What is the difference between AC and DC voltage?

Answer:

DC voltage is a voltage with direct current, while AC voltage is a voltage with an alternating current flow.

- B. What is the character of the voltage on each voltmeter?

Answer:

- a. Voltage in AC Voltmeter: +155 Volt and has character: stable
- b. Voltage in DC Voltmeter 1: +6.03 Volts and has character: unstable
- c. Voltage in DC Voltmeter 2: +4.85 Volts and has character: unstable
- d. Voltage in DC Voltmeter 3: +4.85 Volts and has character: unstable
- e. Voltage in DC Voltmeter 4: +5.00 Volts and has character: stable