



North South University

Department of Electrical & Computer Engineering

Lab Report

Experiment No: 02

Experiment Title: Diode rectifier circuits.

Course Code: EEE111L

ID: 2211164042

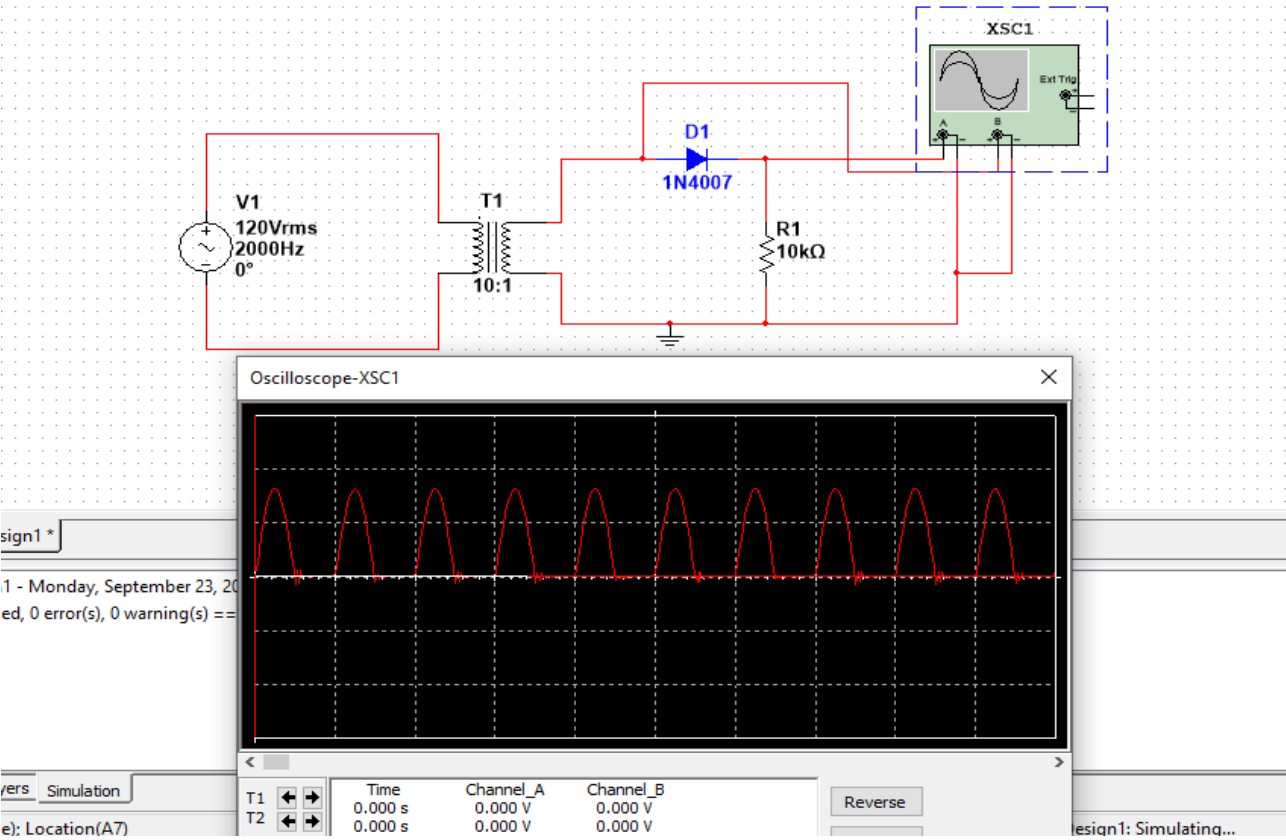
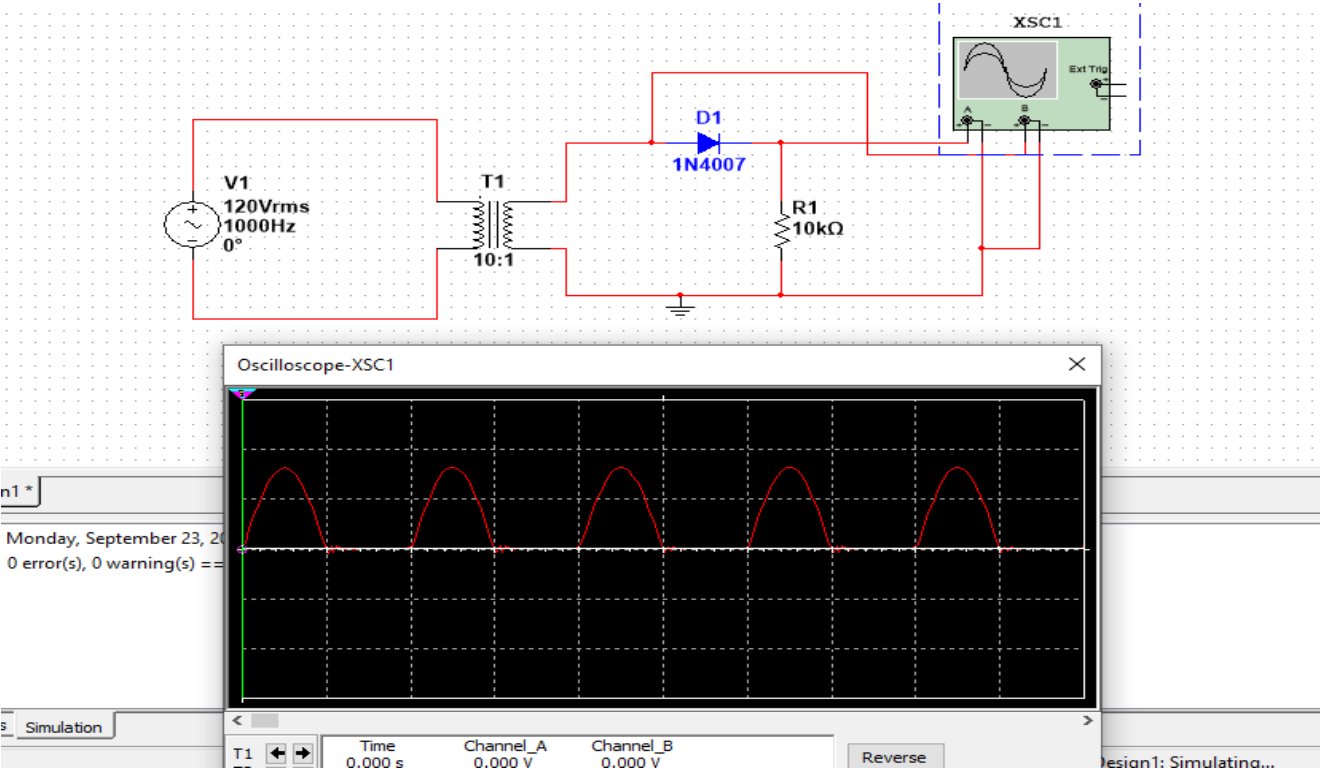
Name: Tahfeem Islam Siam

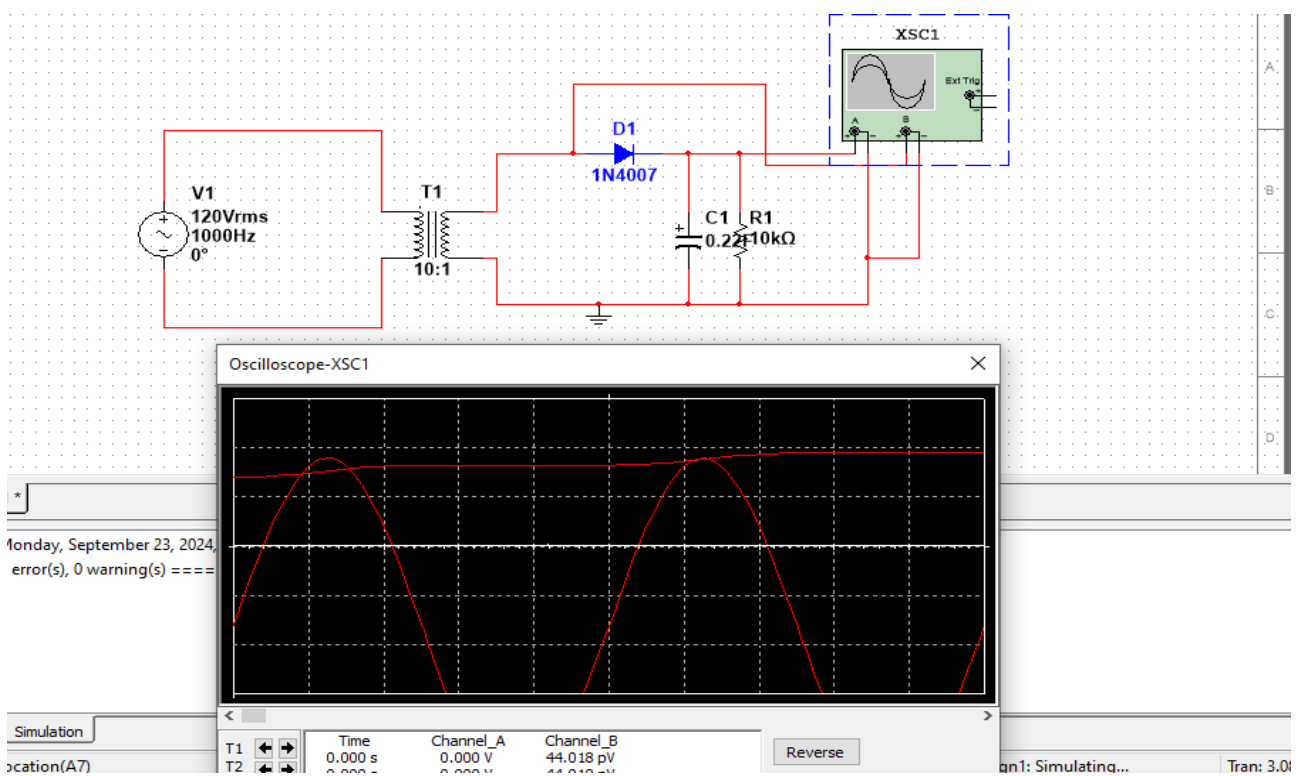
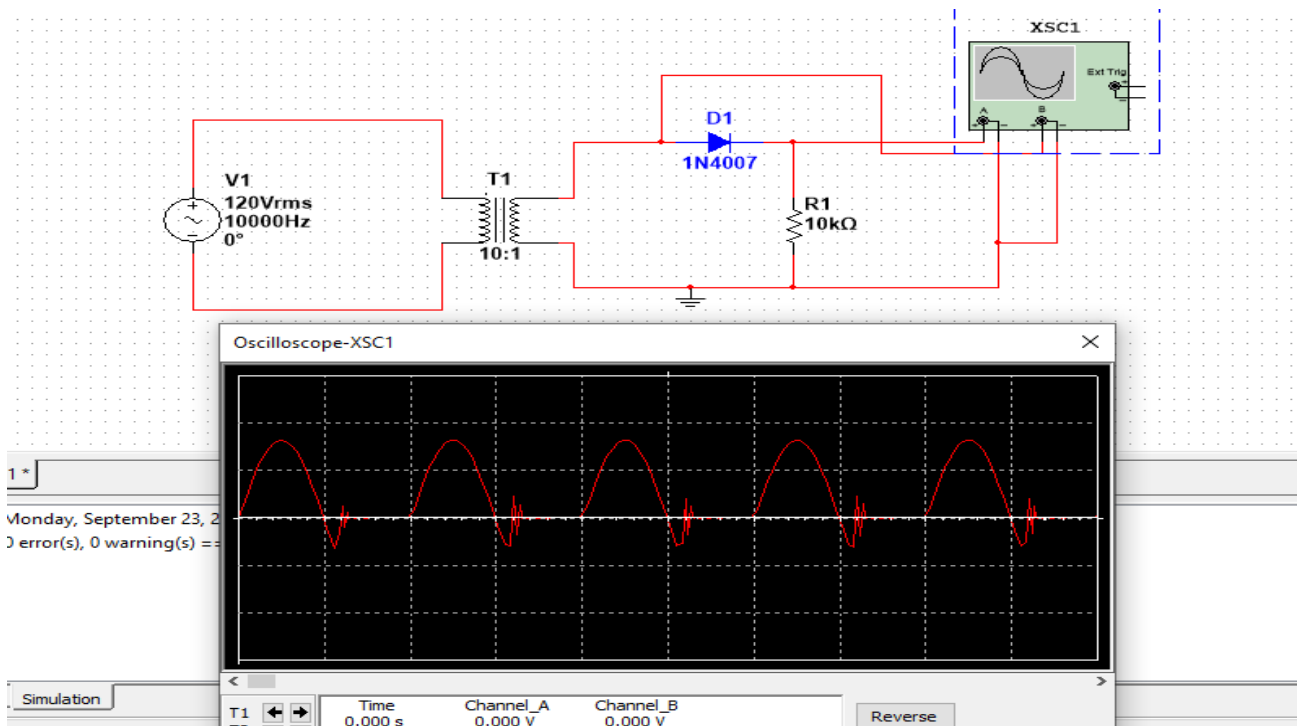
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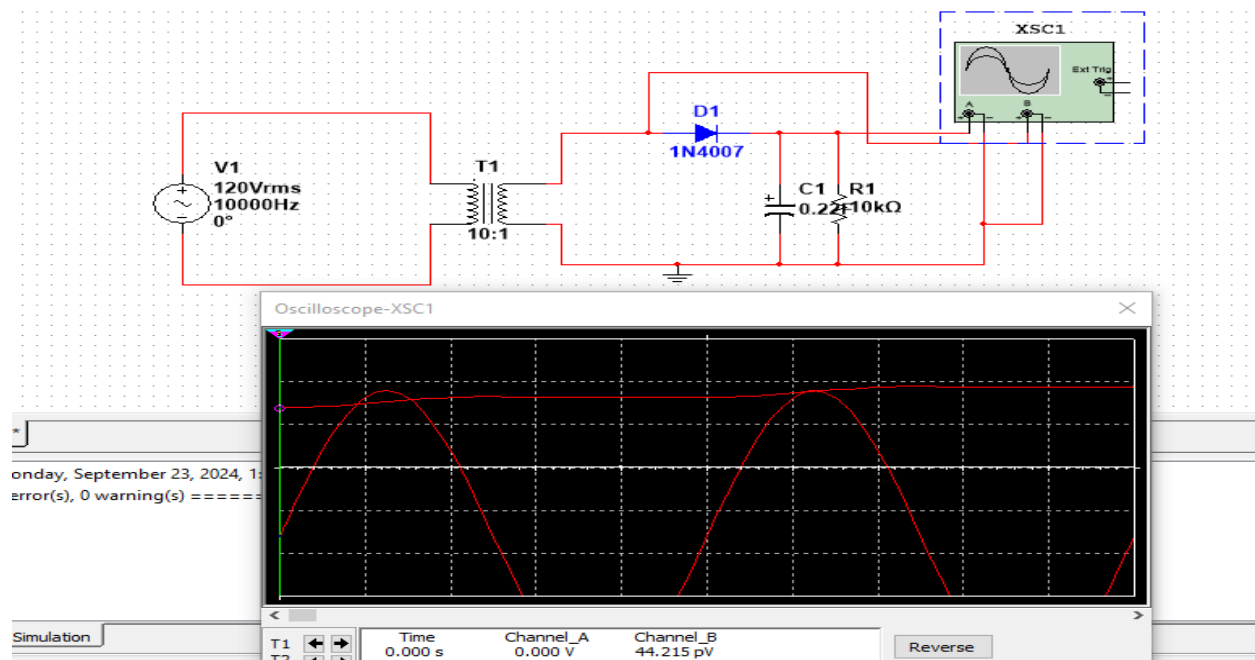
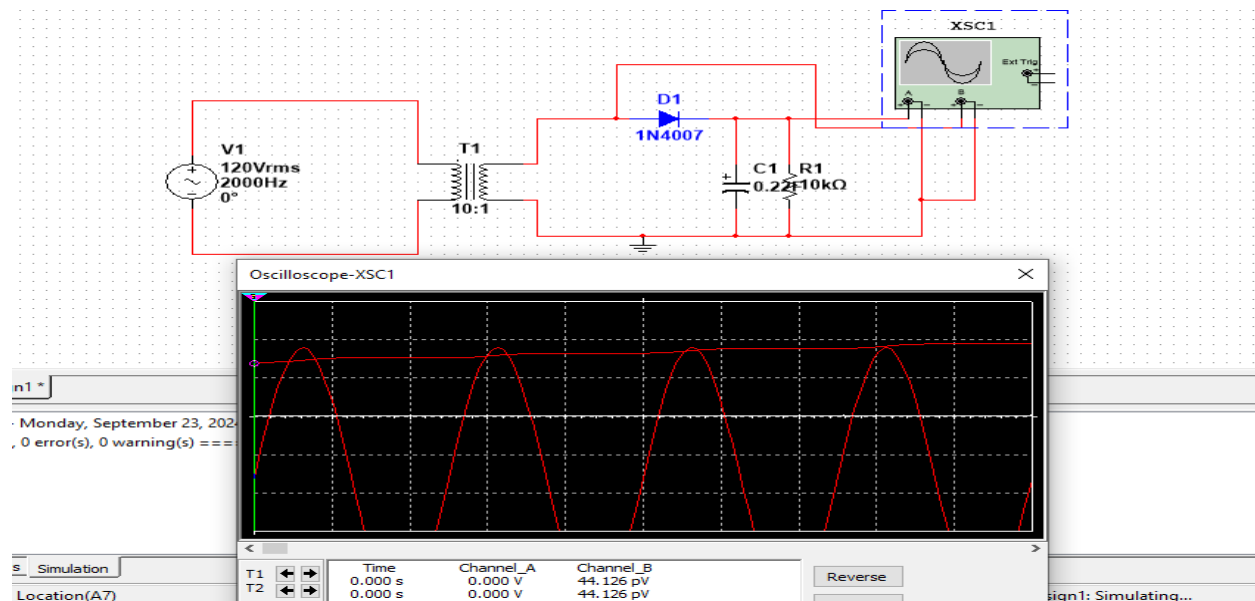
Date of Experiment: 17.09.2024

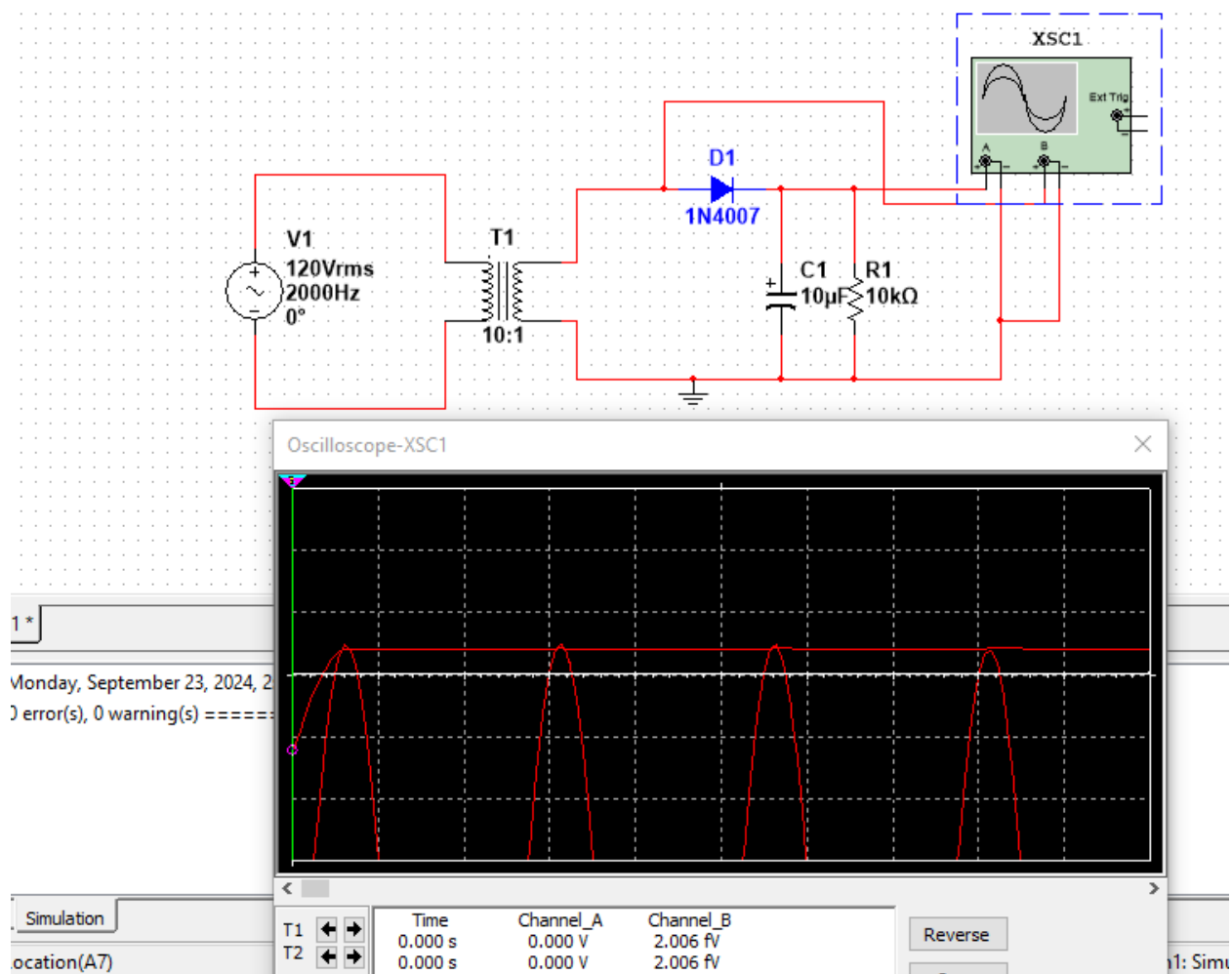
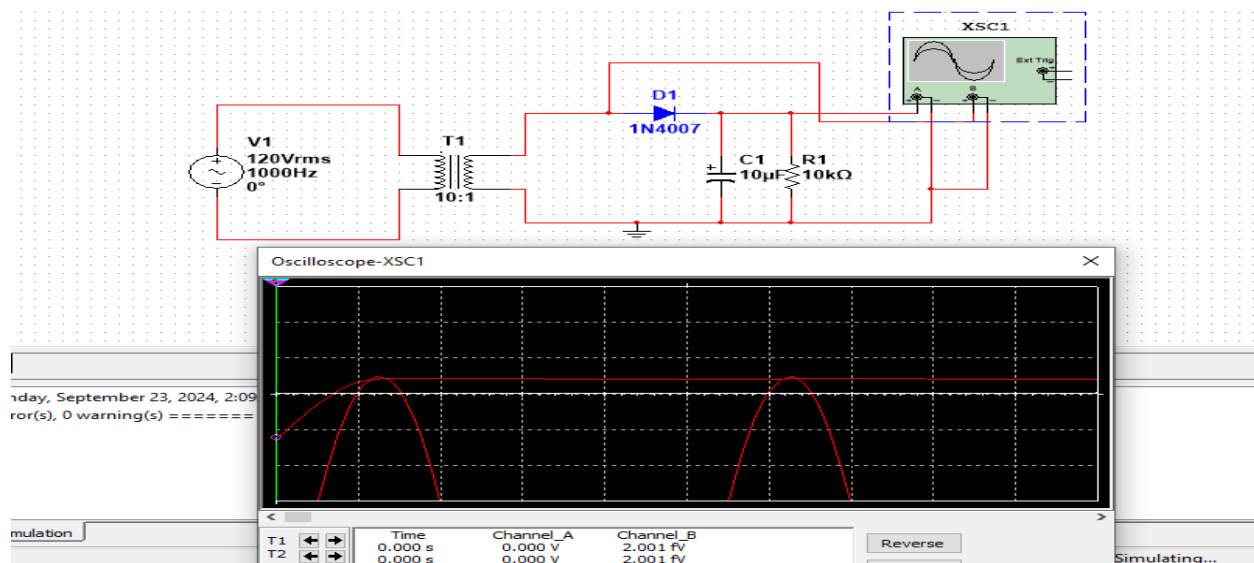
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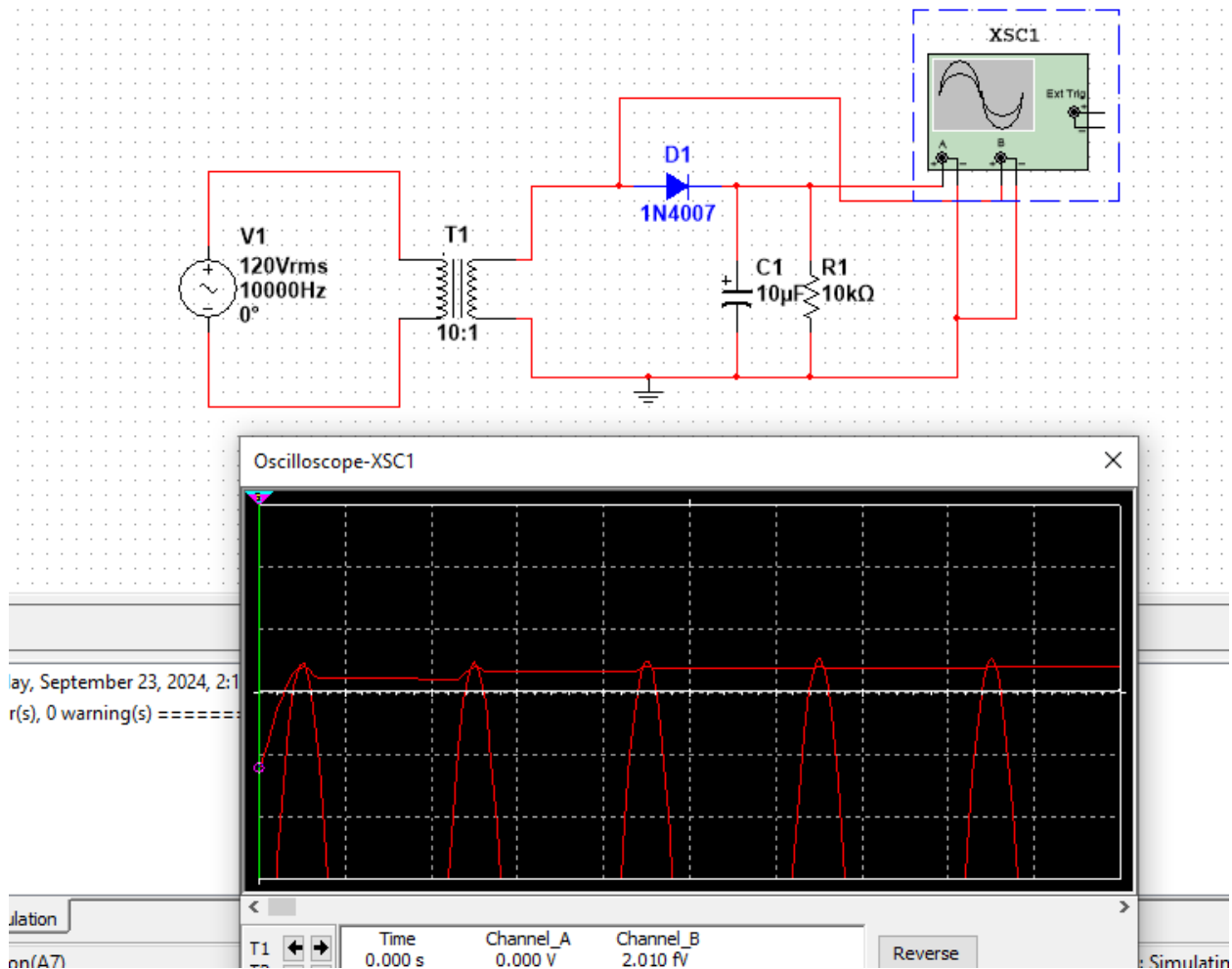
Half Wave Rectifier Circuit Simulatio







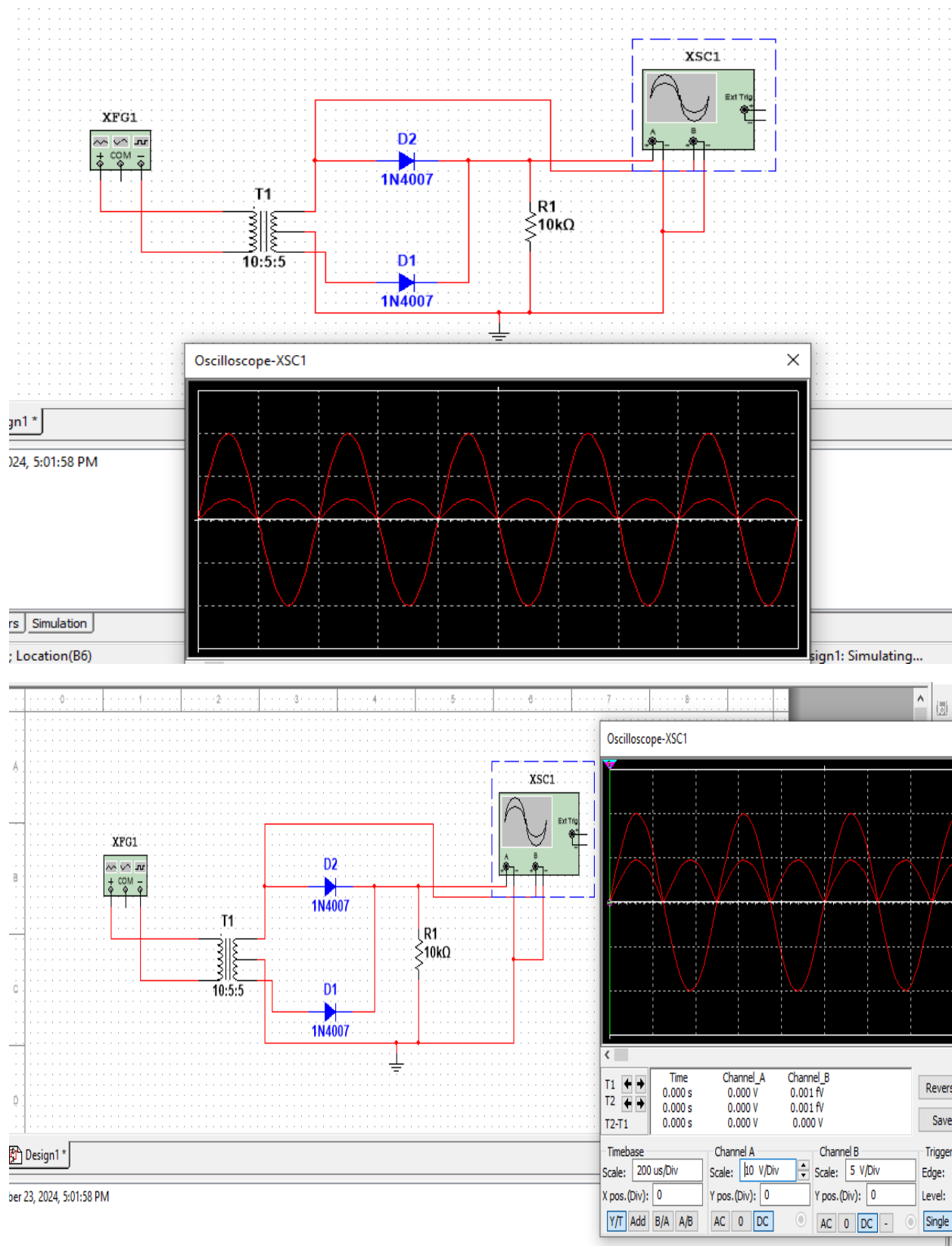


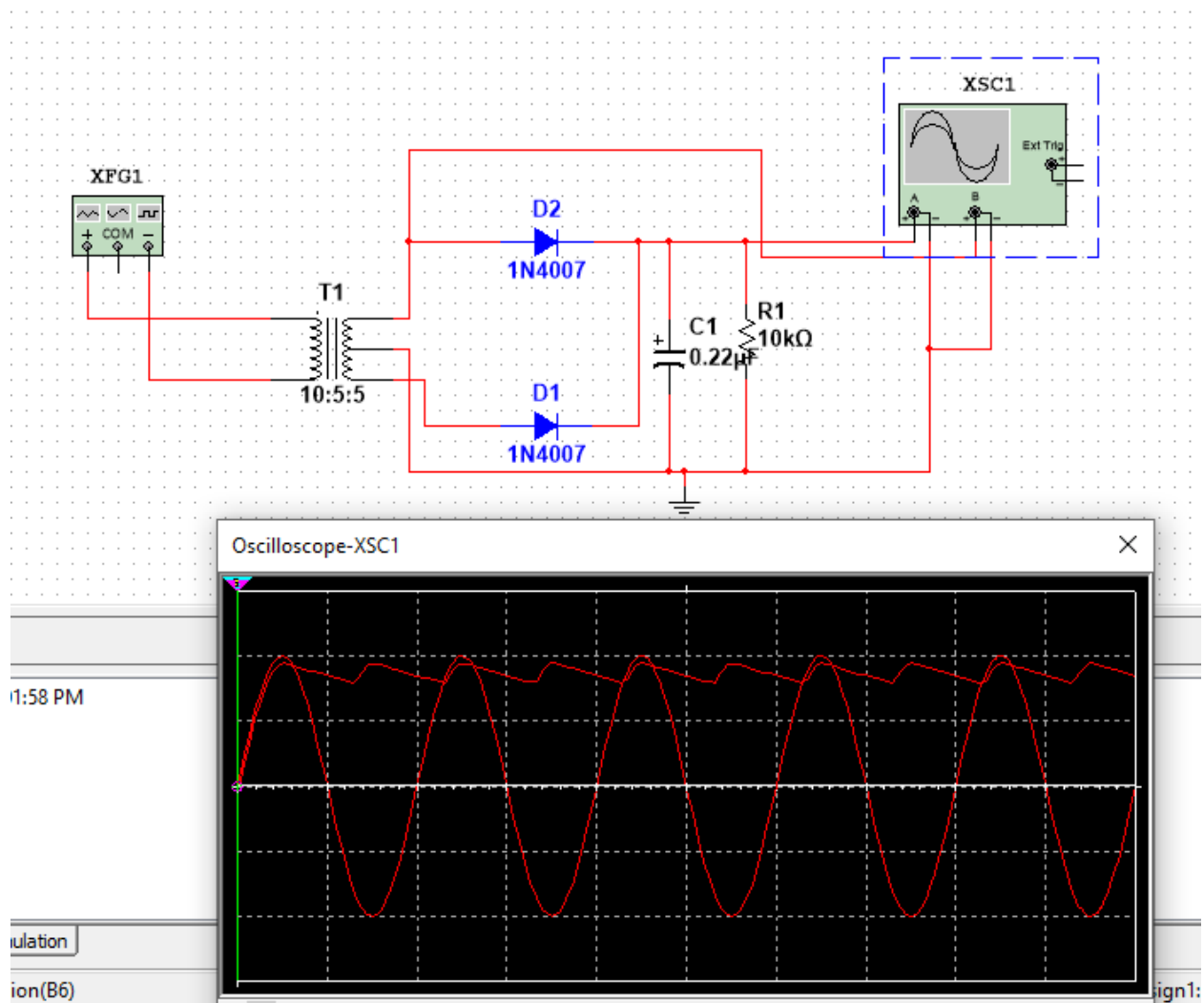
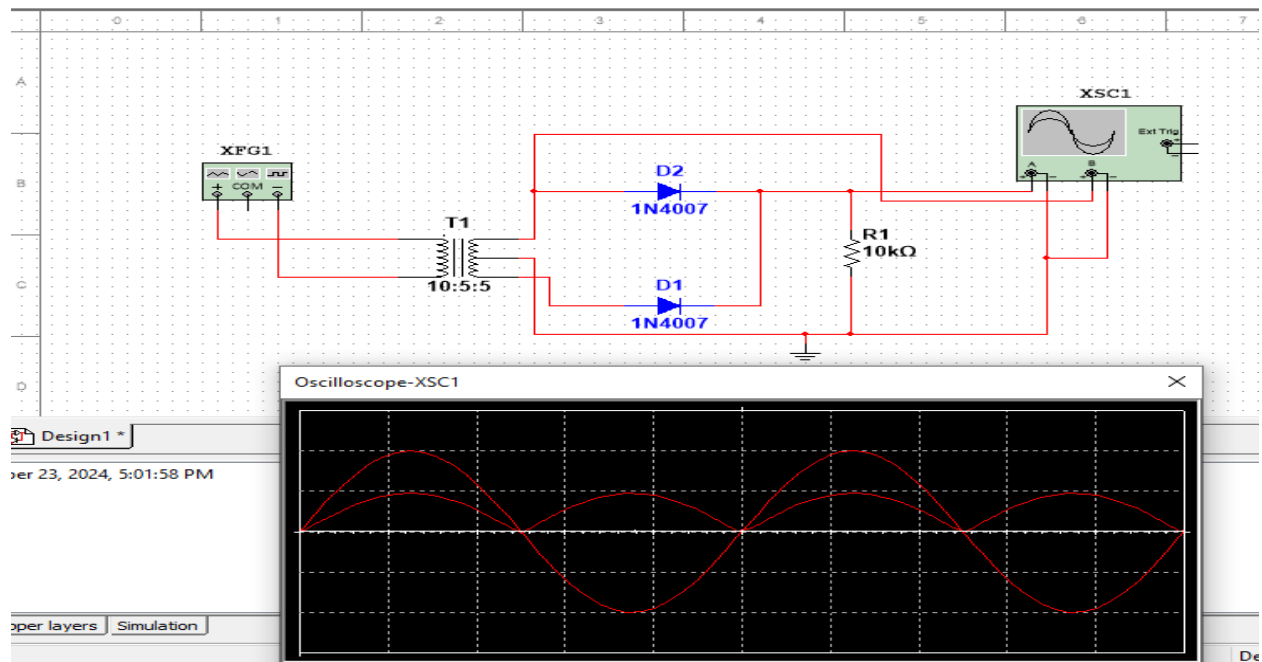


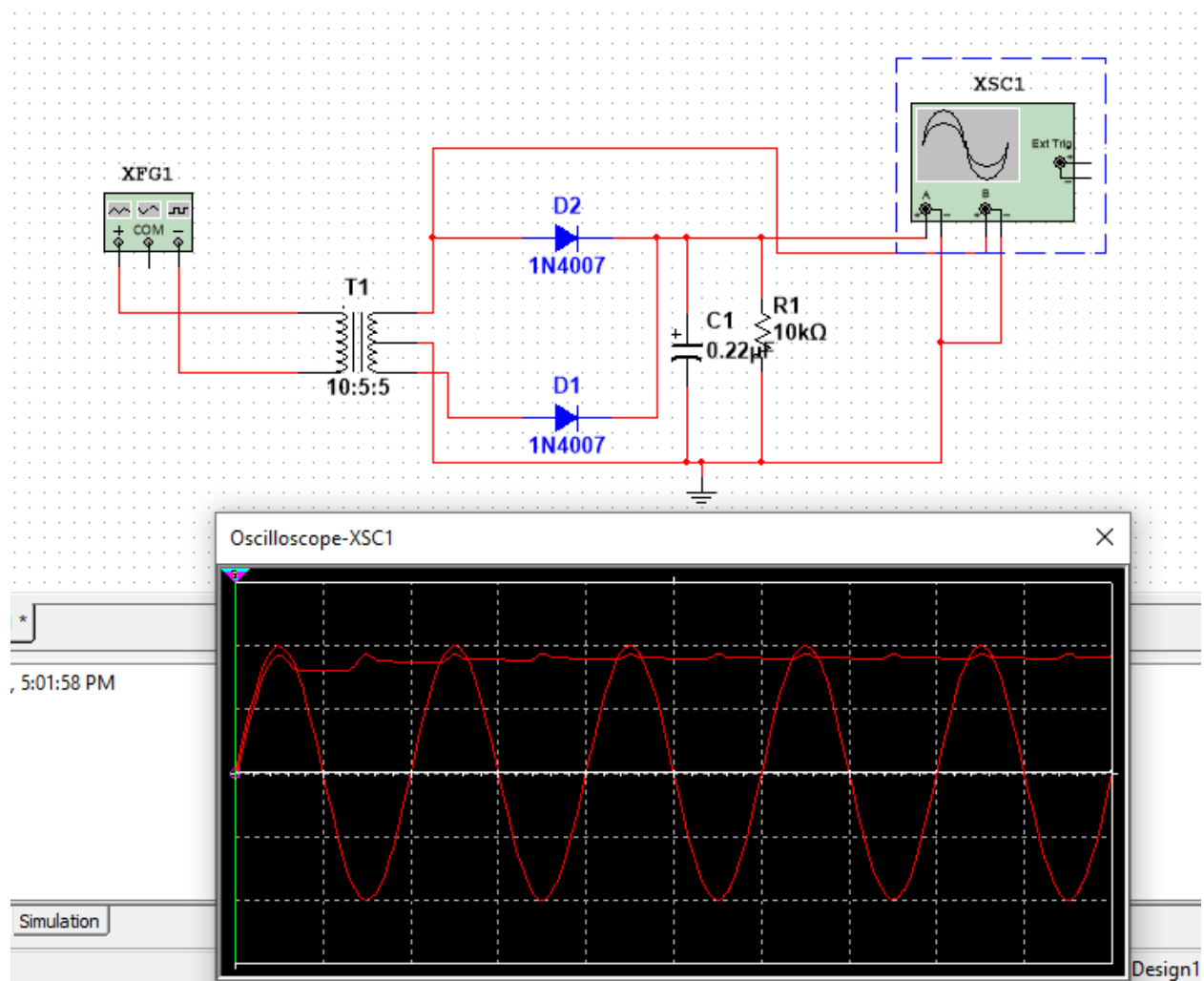
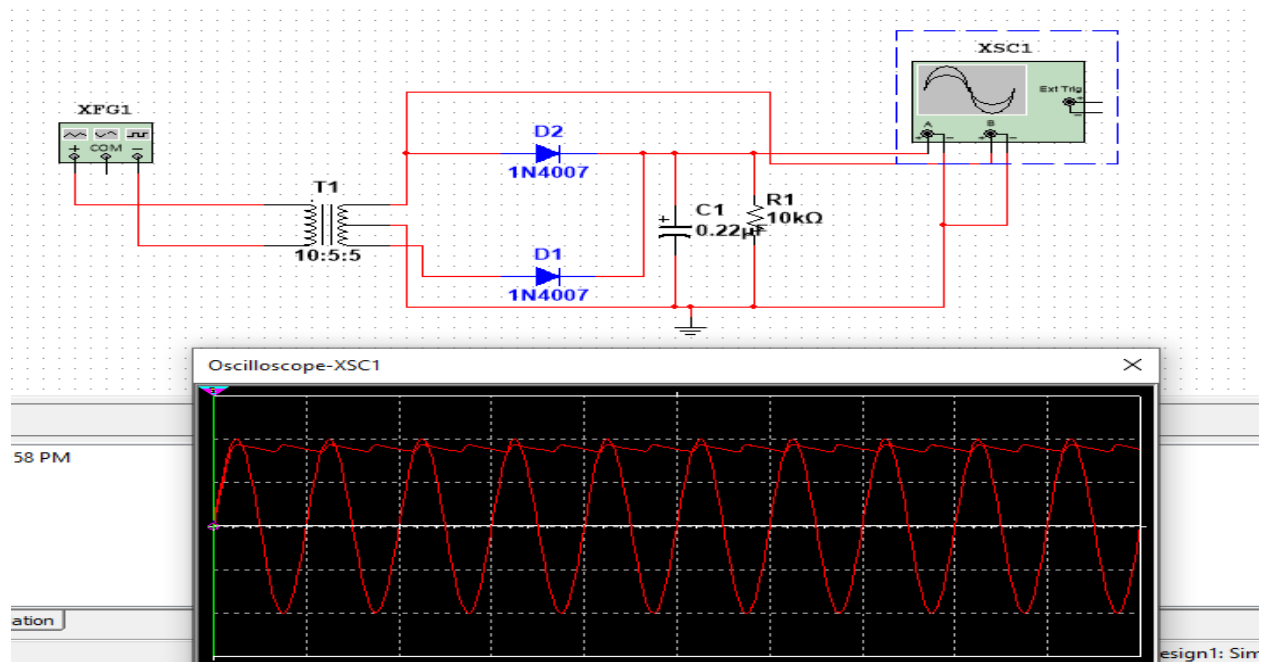
All of these screenshots includes the simulation of half wave rectifier circuit with and without the capacitor connected.

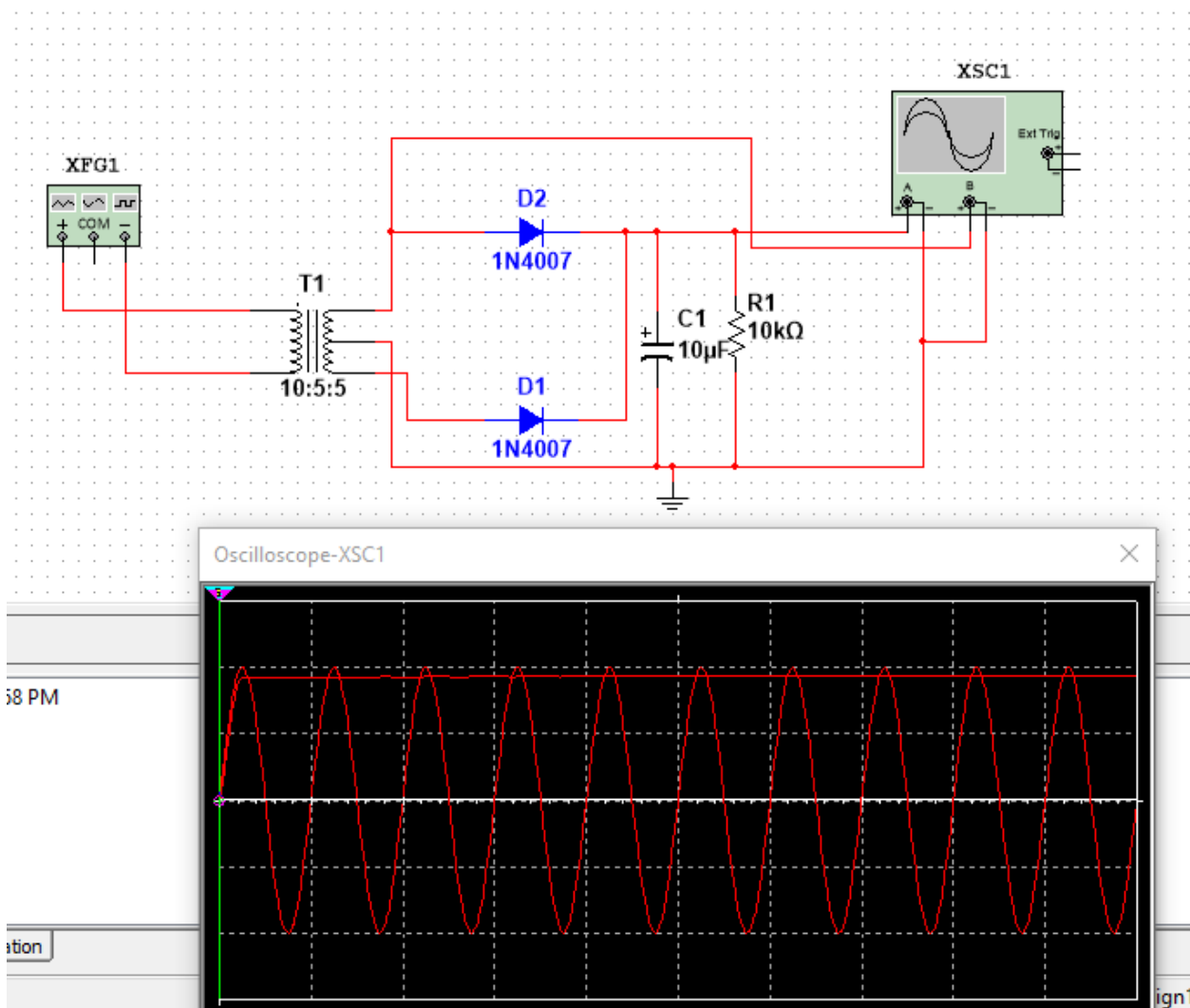
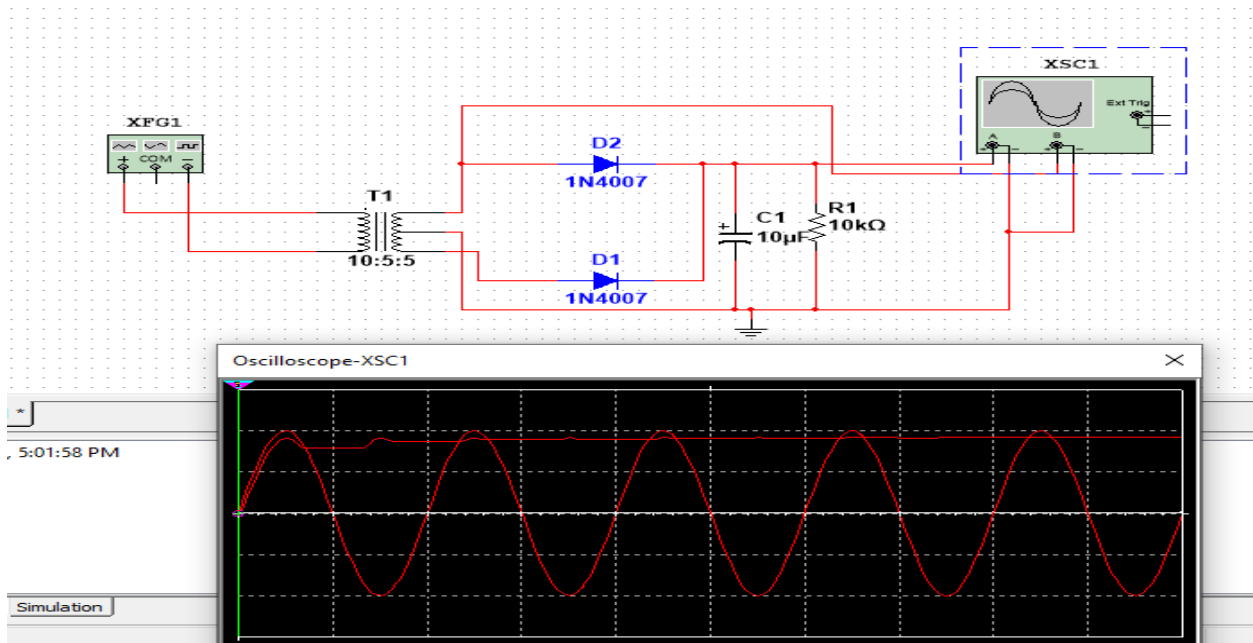
The values of the input frequency used here was 1khz, 2khz, 10khz

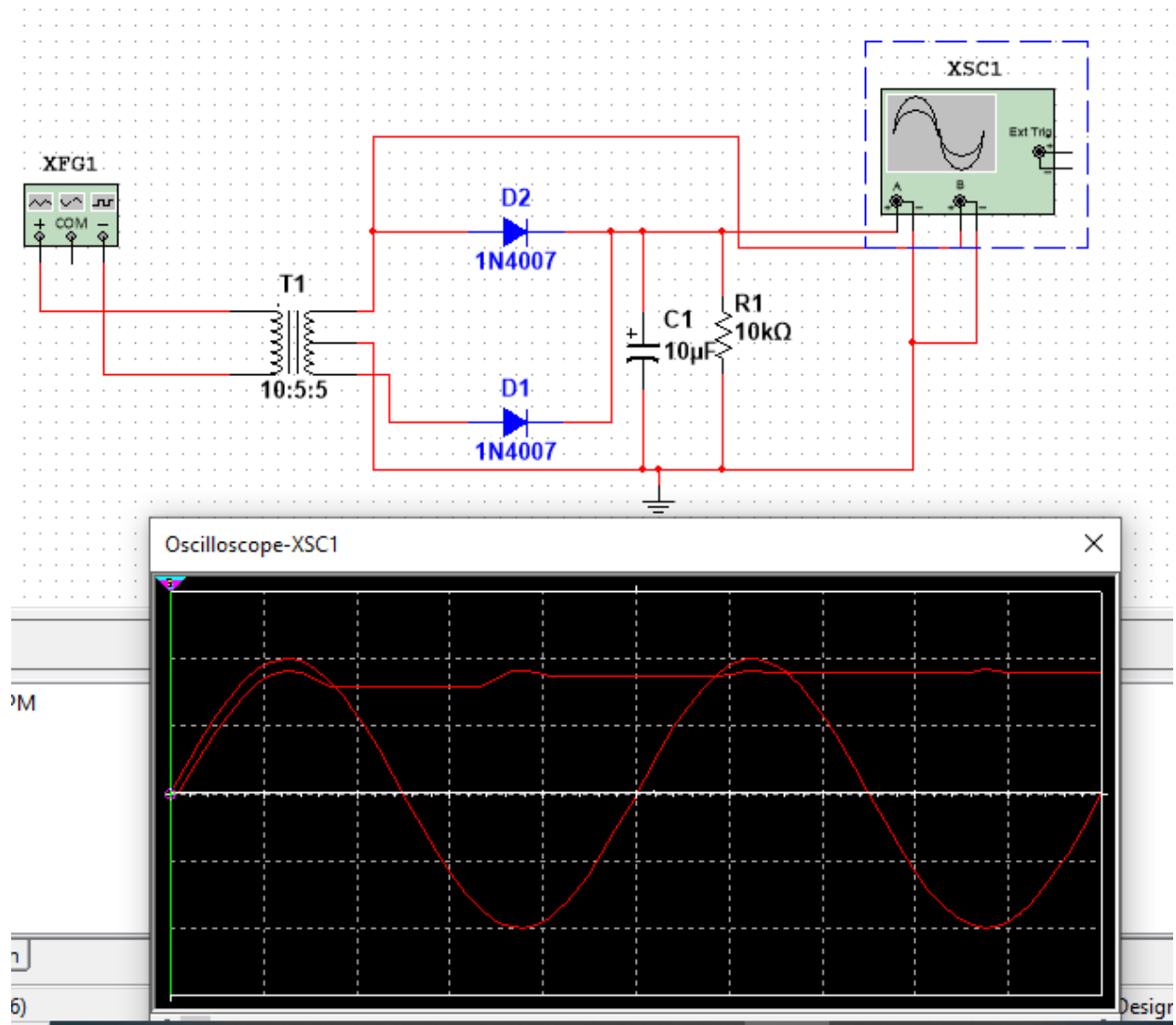
Full Wave Rectifier Circuit Simulation











All of these screenshots includes the simulation of full wave rectifier circuit with and without the capacitor connected.

The values of the input frequency used here was 1khz, 2khz, 10khz

Photos Taken In Lab During The Experiment

