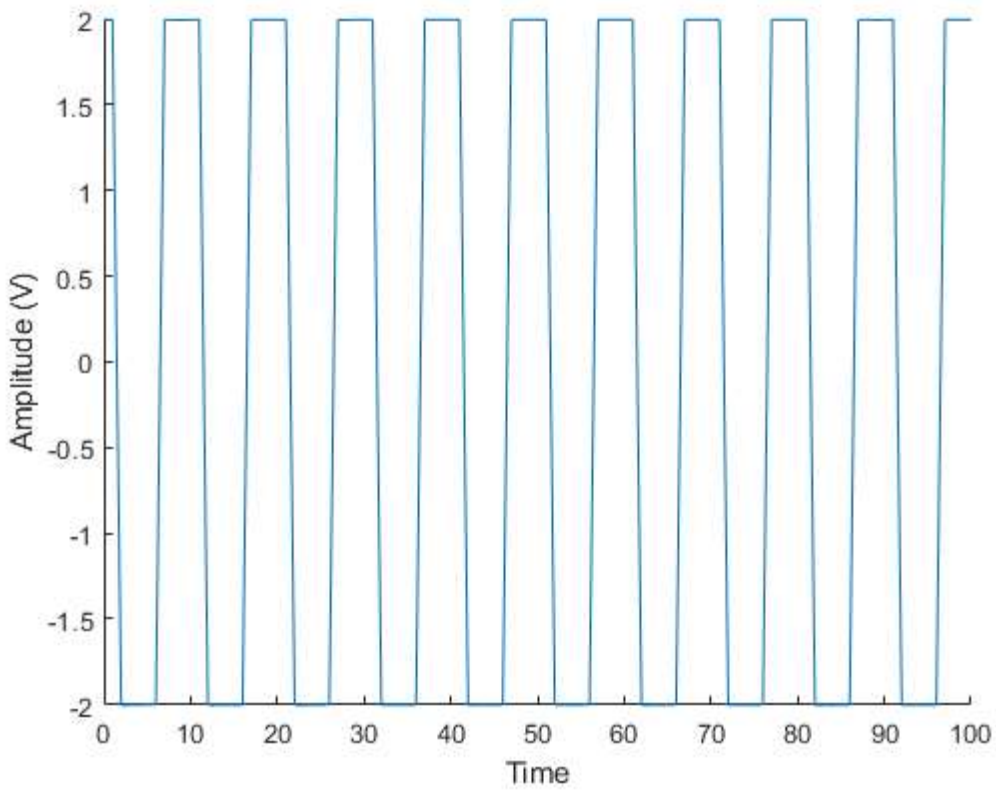
Activity 11

2/12/21 Michael White Section 3 / Section 3 Group B

```
close all;
clear all;
clc;

% Activity Assignment Explanation:
% In this activity, we use the lab equipment to generate a .csv file from
% LabView, which is reading the real-world signals from our lab equipment.
% This system is viewable in the screenshot taken below. The .csv file is
% then taken into this MATLAB code and pulled apart into usable data. This
% data is then plotted and labeled appropriately.

% Import table data from Activity11.csv
data = readtable('Activity11.csv');

% Setup data values from table
Amplitude = data(:,2);
Time = data(:,1);

% Convert tables to array
Amplitude = table2array(Amplitude);
Time = table2array(Time);

% Shift Time by starting value
Time = Time - Time(1);

% Plot data
figure;
hold on;
plot(Time,Amplitude);
xlabel('Time');
ylabel('Amplitude (V)');
```



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