AM Modulation and Demodulation in MATLAB

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Files submitted:

- **AM.m**- The purpose of this file is to create AM-LC modulated signal and demodulate using Coherent demodulation and Envelop detection. The program also features a real waveform which is modulated and demodulated.

- **Output waveform.pdf-** This file supports output waveform obtained from the program.

Note:

- Digital Low pass filter is designed using FDA tool.

Reference:

[1] Communication system engineering by John G Proakis and Masoud Salehi.

[2] Lecture notes by Prof. Jay Weitzen