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Experiment 3 (Application)

PROBLEM DEFINITION:	Analyze the Audio Signal in frequency domain.
ALGORITHM:	1. Record Audio Password and filter the noise ==> x[n]. 2. Plot x[n]. 3. Transform Audio Signal x[n] from Time Domain to Frequency Domain using DFT ==> X[k]. 4. Plot Magnitude Spectrum of X[k].

EXPERIMENTATION AND RESULT ANALYSIS:

RESULT:

Graphs: