

**DSP Lab 7**

**Topic : Power spectrum of signal**

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**Batch: A1**

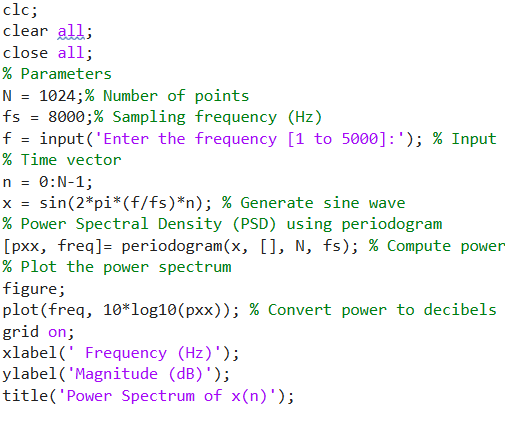
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**AIM : Determination of Power Spectrum of given signal**

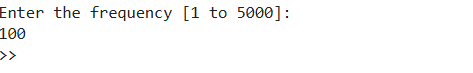
**SOFTWARE : MATLAB**

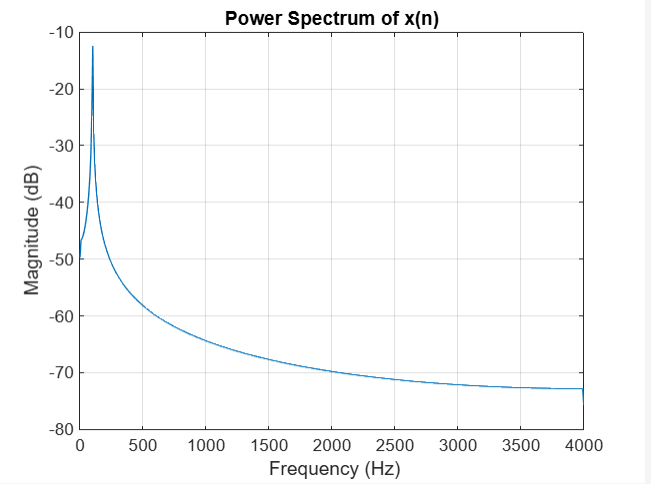
**THEORY : A Power Spectral Density (PSD) is the measure of signal's power content versus frequency. A PSD is typically used to characterize broadband random signals. The amplitude of the PSD is normalized by the spectral resolution employed to digitize the signal.**

**CODE :**

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**Result:**

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