DL Lab 9:

Develop a sequence generator for Indian Classical Music Raga using an RNN to predict the next note in a series. The notes involved are Sa, Re, Ga, Ma, Pa, Dha, Ni, and Sha.

Dataset Preparation: Create sequences of notes from the given raga scale (Sa, Re, Ga, Ma, Pa, Dha, Ni, Sha).

Preprocess Data: Convert the notes to numerical representations.

Model Building: Build an RNN model to predict the next note in the sequence.

Training: Train the model to learn the relationships between the notes.

Generation: Use the trained model to generate sequences of notes.

As an extension, generate note sequences for Raga Bhairav, Raga Bhopali, Raga Bageshree, and other ragas using the RNN model.