A question based on each of the last three lectures.

May 3. With the class definitions for card, deck, and hand in full view, write a script that creates a deck, shuffles it, and keeps adding cards to an empty hand until the hand has at least one card from each suit. Prrint out the final hand.

May 5. Look at the numpy function linspace. Write a python function ListLinspace(a,b,n) that does the same thing only instead of returning a numpy array, it returns a list of floats.

May 11. Look at the function Update(P,v). Assume that the incoming array P has the property that $P[i,j] = 0$ if $ab(i-j)>1$. Streamline the implementation so that it takes advantage of this fact..Hint. The inner loop does not have to run from 0 to n-1.