Assignment 2  
*import anything that needs to be imported-- even if it is imported elsewhere*  
Save or transfer your .ipynb to your google drive submission folder

1. Create a 4x4 identity matrix and print it to the screen
2. Create a 4x4 random array using np.random.rand and multiply it by the identity matrix from part 1
3. Use concatenate function to make the identity matrix twice the original dimensions
4. Make a linear numpy array from 1 to 1000 with increments of 1. Make a logarithmically spaced array from 1 to 1E6 of equal length to the preious linear array. Plot the linear (x) vs logarithmic (y) arrays on linear axes.